CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Highway construction, Ohio, Dept. Highways & Pub. Wks. will ask appropriation, $8,489,950.

Trunk highway improvement, Minn., State Hy. Dept. making plans, $7,792,124.

Club, Chicago, Ill., Press Club having preliminary sketches made, $5,000,000.

Paper mill, Camden, Ark., Arkansas Paper & Pulp Co. purchased site and making plans, $5,000,000.

Passenger and freight station, Atlantic City, N. J., Pennsylvania R.R. Co. making plans, $4,000,000.

Waterworks, Seattle, Wash., City Council plans issuing bonds, $2,000,000.

Sawmill, Blind River, Ont., Shelvin Clarke Co., Ltd., making plans, $2,000,000.

Dredging, canals, breakwater, yacht club, etc., Cleveland, O., syndicate making preliminar. plans, $2,000,000.

Theatre, Portland, Ore., Portland Finance Corp. soon takes bids, $2,000,000.

Playground, New York, N. Y., in Jacob Weiss Park, having plans prepared, $2,000,000.

Theatre and office, San Antonio, Tex., J. M. Nix and associates purchased site and making plans, $2,000,000.

Hotel, Amarillo, Tex., A. Davidson soon lets general contract, $2,000,000.

Paving, Hartford, Conn., making plans, $1,781,918.

Cement plant, Knoxville, Tenn., Corporation headed by J. R. Henahan making plans, $1,750,000.

War memorial, Boston, Mass., Commonwealth of Massachusetts having preliminary sketches made, $1,500,000.

Club house, St. Louis, Mo., new club being organized, having preliminary plans prepared, $1,500,000.

College, Bronxville, N. Y., Sarah Lawrence College having plans prepared, $1,250,000.

Bids Desired

Bridge, Jersey City, N. J., Feb. 3, by G. J. Ray, chn. engr., $3,000,000.

Hospital, Jackson, Miss., Jan. 18, by Mississippi Building Comn., $2,500,000.

Court house, Hartford, Conn., Jan. 24, by Hartford Co., $1,500,000.

Sanitarium, Battle Creek, Mich., Jan. 10, by M. J. Morehouse, archt., $1,500,000.

Contracts

Apartments (two), Chicago, Ill., syndicate to Reliance Co., Inc., $5,250,000.

Hospital, New York, N. Y., State Hospital Comn. to Guidone & Bottino, Inc., and others, $1,729,870.

Office and store, Chicago, Ill., Wells-Van Buren Building Corp. to L. Balkin, $1,500,000.

High school, Roxbury, Mass., City, Schoolhouse Dept., to T. O'Connor Co., $1,094,613.

Power plant, Weleetka, Okla., Pub. Serv. Co. to Myers Constr. Co., $1,000,000.

Classified Index of Bids Wanted

Waterworks

Bids close		*See Eng. News-Record*
Jan. 7	Conneaut Lake, Pa.	Dec. 23
Jan. 7	Holyoke, Mass.	Jan. 6
Jan. 10	Washburn, Ill.	Dec. 23
Jan. 10	Milwaukee, Wis.	Jan. 6
Jan. 11	Macon, Ga.	Dec. 16
Jan. 11	Tallahassee, Fla. Adv. Dec. 23 to Jan. 6.	Dec. 23
Jan. 11	Farmerville, La.	Dec. 30
Jan. 11	St. Paul, Minn.	Jan. 6
Jan. 12	Henderson, N. C.	Dec. 23
Jan. 12	Childress, Tex.	Jan. 6
Jan. 18	Olney, Ill.	Jan. 6
Jan. 21	Hawthorne, N. J. Adv. Jan. 6.	Jan. 6

Sewers

Jan. 10	Hamilton, Ont.	Dec. 30
Jan. 10	New York, N. Y.	Jan. 6
Jan. 11	Los Angeles, Calif.	Jan. 6
Jan. 11	Cincinnati, O.	Jan. 6
Jan. 11	New York, N. Y.	Jan. 6
Jan. 11	Long Island City, N. Y.	Jan. 6
Jan. 12	Los Angeles, Calif.	Jan. 6
Jan. 12	Brooklyn, N. Y.	Jan. 6
Jan. 13	Paducah, Ky.	Dec. 30
Jan. 13	Akron, O.	Dec. 30
Jan. 18	Keansburg, N. J. Adv. Jan. 6.	Jan. 6
Jan. 18	St. Louis, Mo.	Dec. 23
Jan. 20	Chicago, Ill.	Dec. 23
Jan. 20	Blacksburg, Va. Adv. Dec. 30 and Jan. 6.	Dec. 30
Jan. 25	Rice Lake, Wis.	Dec. 30

Bridges

Jan. 10	Bridgeport, Conn.	Dec. 23
Jan. 10	Montreal, Que.	Jan. 6
Jan. 12	Clinton, Ia.	Jan. 6
Jan. 12	Alabama	Jan. 6
Jan. 17	Illinois	Jan. 6
Jan. 18	Harlan, Ia.	Jan. 6
Jan. 20	Fairfield, Ill.	Dec. 30
Feb. 3	Jersey City, N. J.	Jan. 6

Dams

Jan. 14	New York, N. Y. Adv. Jan. 6.	Jan. 6

Railways

Jan. 17	Alabama	Jan. 6

Excavation, Drainage, Irrigation, Levees, River and Harbor

Bids close		*See Eng. News-Record*
Jan. 10	Iowa	Dec. 16
Jan. 12	Brownsville, Tex.	Dec. 30
Jan. 15	Knox, Ind.	Jan. 6
Jan. 19	Shreveport, La.	Jan. 6
Feb. 2	Duluth, Minn.	Dec. 30
Feb. 10	Maquoketa, Ia.	Jan. 6

Streets and Roads

Jan. 7	Pennsylvania	Dec. 16
Jan. 7	Pennsylvania	Dec. 30
Jan. 10	Sanford, Fla.	Dec. 30
Jan. 10	Birmingham, Ala.	Dec. 16
Jan. 10	New Jersey	Dec. 23
Jan. 10	Evansville, Ind.	Dec. 23
Jan. 10	Birmingham, Ala.	Dec. 23
Jan. 10	Illinois	Dec. 23
Jan. 10	Merchantville (Ind. br. Camden), N. J.	Jan. 6
Jan. 10	Virginia	Jan. 6
Jan. 11	Wellington, Tex.	Dec. 23
Jan. 11	Panhandle, Tex.	Dec. 30
Jan. 11	Galesburg, Ill.	Jan. 6
Jan. 11	Oklahoma City, Okla.	Jan. 6
Jan. 11	New York, N. Y.	Jan. 6
Jan. 12	Alabama	Dec. 23
Jan. 12	Long Island City, N. Y.	Jan. 6
Jan. 12	Nevada	Jan. 6
Jan. 12	Alabama	Jan. 6
Jan. 12	Lubbock, Tex.	Jan. 6
Jan. 13	Sierra Madre, Calif.	Dec. 30
Jan. 14	Idaho	Dec. 30
Jan. 14	Sedalia, Mo.	Dec. 30
Jan. 14	Woodward, Okla.	Jan. 6
Jan. 14	Alabama	Jan. 6
Jan. 15	Alexandria, La.	Jan. 6
Jan. 17	Illinois	Jan. 6
Jan. 17	Alabama	Jan. 6
Jan. 18	Louisiana	Jan. 6
Jan. 20	Louisiana	Jan. 6
Jan. 25	Birmingham, Ala.	Dec. 30
Jan. 25	Marysville, Kan.	Dec. 30
Jan. 25	Louisiana	Jan. 6
Jan. 28	Louisiana	Jan. 6
Feb. 18	Kentucky	Dec. 16

Buildings—Commercial

Jan. 10	Norwood, Mass.	Dec. 23
Jan. 10	Phila., Pa.	Dec. 30
Jan. 10	Norwood, Mass.	Dec. 30
Jan. 10	Battle Creek, Mich.	Jan. 6
Jan. 11	Wichita Falls, Tex.	Jan. 6
Jan. 12	Albany, N. Y.	Dec. 9

Bids close		*See Eng. News-Record*
Jan. 15	New Philadelphia, O.	Dec. 9
Jan. 18	Jackson, Miss.	Jan. 6
Jan. 19	Flint, Mich.	Dec. 30
Jan. 19	Chicago, Ill.	Dec. 30
Jan. 24	Hartford, Conn.	Jan. 6

Buildings—Industrial

Jan. 7	Totawa (mail Paterson), N. J.	Dec. 30
Jan. 7	Wilmington, Del.	Jan. 6

Buildings—Educational, Religious

Jan. 7	Wash., D. C.	Dec. 30
Jan. 10	Taunton, Mass.	Dec. 9
Jan. 10	Holyoke, Mass.	Dec. 23
Jan. 11	Joplin, Mo.	Jan. 6
Jan. 12	Glenwood Landing, N. Y.	Jan. 6
Jan. 12	Brenham, Tex.	Jan. 6
Jan. 12	McAllen, Tex.	Jan. 6
Jan. 15	Westview (br. Zanesville), O.	Jan. 6
Jan. 17	Tallahassee	Dec. 30
Jan. 19	Mt. Morris, Mich.	Jan. 6
Jan. 20	Tupelo, Miss.	Dec. 30
Jan. 21	Portsmouth, O.	Dec. 30
Jan. 21	Indianapolis, Ind.	Dec. 30
Jan. 24	East Grand Rapids (mail Grand Rapids), Mich.	Dec. 30
Jan. 25	Vineland, N. J.	Jan. 6
Feb. 1	Wash., D. C.	Oct. 7

Federal Government Work

Jan. 11	Alterations—New York, N. Y.	Dec. 16
Jan. 11	Tank and Tower—Ft. Snelling (br. St. Paul), Minn.	Dec. 30
Jan. 12	Roads and Walks—San Diego, Calif.	Dec. 16
Jan. 12	Dredge—Wash., D. C.	Dec. 16
Jan. 12	Ceiling—Wash., D. C.	Jan. 6
Jan. 14	Extension—Missoula, Mont.	Dec. 2
Jan. 18	Retaining Walls, etc.—Wash., D. C.	Dec. 30
Jan. 19	Building — San Diego, Calif.	Dec. 30
Jan. 19	Pier—Pearl Harbor, T. H.	Dec. 2
Jan. 19	Radio Tower—Jupiter, Fla.	Dec. 16
Jan. 20	Towboat—St. Louis, Mo.	Dec. 9
Jan. 20	Dredge Tender—Norfolk, Va.	Dec. 23
Jan. 20	Dredging—New York, N. Y. Adv. Dec. 23 to Jan. 6.	Dec. 23
Jan. 25	Fire Alarm System—Sheridan, Wyo.	Jan. 6

See proposal advertising on page 249

Constr. News page 1

TRADE "LEADITE" MARK
Registered U. S. Pat. Office

Jointing Water Mains

Laying 20-in. c. i. water mains with LEADITE joints thru rough and mountainous country.

Whether you are building an entirely new system or making an extension, laying large or small mains, you will save time, money and labor by using LEADITE.

In making a LEADITE joint NO CAULKING is necessary. Just yarn the joint and pour it full of molten LEADITE; it is an easy and quick operation.

LEADITE allows you to lay more pipe per day. This means getting water into the line without delay.

The quicker you get water to the consumer, the sooner the line produces revenue.

LEADITE makes the work easier on the men by eliminating much of the drudgery of pipe laying. You know what this means in the cold of winter and the heat of summer, and in bad trenches.

The varied applicability of LEADITE makes it the ideal material for jointing cast iron B. & S. water mains.

You will use LEADITE sooner or later as its advantages cannot help but appeal to you favorably.

Familiarize yourself with LEADITE now.

LEADITE does not corrode or rust.

Users know LEADITE makes a good joint.

LEADITE joints improve with age.

LEADITE has been successfully tested and used for over 30 years.

Thousands of miles of pipe jointed with LEADITE are in service.

The up-to-date water works man specifies and uses LEADITE.

LEADITE saves at least 75%

LEADITE is the pioneer self-caulking material for c. i. pipe

Be Sure It Is LEADITE and Accept No Imitations

THE LEADITE COMPANY, Inc.
1512 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids close		See Eng. News-Record
Jan. 27	Barracks—Oceanport, N. J.	Jan. 6
Feb. 7	Tug—Mobile, Ala.	Dec. 16
	Adv. Dec. 16 to Jan. 6.	
Feb. 9	Heating Equipment, etc.—Mare Island, Calif.	Jan. 6
Feb. 10	Dredging, etc.—Alaska	Jan. 6
	Adv. Jan. 6.	
Mar. 10	Scout Cruisers, etc.—Wash., D. C.	Dec. 30

Unclassified

Jan. 7	Ties—New York, N. Y.	Dec. 30
Jan. 7	Asphalt Plant—Phila., Pa.	Jan. 6
Jan. 11	Tunnel—Chattanooga, Tenn.	Dec. 30
	Adv. Dec. 30 and Jan. 6.	

Bids close		See Eng. News-Record
Jan. 12	Overhead Crossing—Repton, Ala.	Jan. 6
Jan. 15	Stadium—Lawrence, Kan.	Jan. 6
Jan. 17	Lighting System—Colton, Calif.	Jan. 6
Jan. 19	Elevators—Brooklyn, N. Y.	Dec. 30
Jan. 19	Elevator—Kings Park, N. Y.	Dec. 30
	Adv. Dec. 30 and Jan. 6.	
Jan. 19	Street Lighting System—Marcy, N. Y.	Dec. 16
Jan. 19	Altering—Buffalo, N. Y.	Jan. 6
	Adv. Jan. 6.	
Jan. 20	Foundation—Newport, Pa.	Jan. 6

Bids close		See Eng. News-Record
Jan. 20	Engines, Generator, etc.—Warren, Pa.	Jan. 6
	Adv. Jan. 6.	

Materials

Jan. 6	Copper Wire, etc.—Columbus, O.	Dec. 30
Jan. 10	Lumber—Sidney, Ia.	Jan. 6
Jan. 10	Inorganic Dust—New York, N. Y.	Jan. 6
Jan. 11	Pipe, etc.—New York, N. Y.	Jan. 6
Jan. 12	Copper Sulphate, etc.—New York, N. Y.	Jan. 6
Jan. 12	Paving Blocks, etc.—Brooklyn, N. Y.	Jan. 6
Jan. 13	Sand—Long Island City, N. Y.	Jan. 6

News of the Week

Waterworks

Proposed Work

Vt., Castleton—Plans water system, incl. pumping station. To exceed $15,000. Barker & Wheeler, 36 State St., Albany, N. Y., engrs.

N. Y., Akron—Voted $252,000 bonds extending water supply. J. P. Wells, 80 East Ave., Rochester, engr. Noted Dec. 30.

Ala., Prichard—Plans new waterworks, incl. 100,000 gal. tank on tower, 100,000 gal. reservoir, 6 and 8 in. mains, fire hydrants, 125 hp. gasoline engine and two 15 hp. electric engines, etc. $55,000. H. A. Mentz, Hammond, La., engr.

Ky., Louisville—Louisville Water Co., 435 South 3rd St., making plans remodeling 12 m.g. rein.-con. coagulating basins. $45,000. J. Chambers, c/o owner, ch. engr. Alvord, Burdick & Howson, 6 South Dearborn St., Chicago, Ill., consult. engrs.

Ia., Lisbon—Making preliminary plans 4 in. and 6 in. mains, and steel tank on tower. H. R. Green Co., 208-09-10 Bever Bldg., Cedar Rapids, engrs.

Ia., Lorimer—Making preliminary plans complete waterworks and distribution system. Henningson Eng. Co., 12th and Harney Sts., Omaha, Neb., engrs.

Minn., Red Wing—S. T. Irvine, city clk., making plans 1,200,000 gal. concrete reservoir. $30,000. L. P. Wolff, 903 Globe Bldg., St. Paul, engr.

N. D., Devils Lake—Election Jan. 12, $55,000 bonds, improving water supply, incl. new well, settling basin, storage tanks, pump house, etc. M. Olsen, city aud. Noted Oct. 7.

Mo., Kansas City—Making plans extending 2 water mains in Marborough and Westmoreland Dists. $250,000. R. Waddell, City Hall, engr.

Mo., St. Louis—Water Dept., J. Pritchard, dir., City Hall, takes bids in spring and summer several miles coated c.i. pipe, special castings, valves, fire hydrants, valve boxes, etc. for extending distribution system. $300,000.

Ark., Hot Springs—See "Unclassified."

Tex., Abilene—Voted $100,000 bonds, improving waterworks, incl. mains, laterals, connections, etc.; also $500,000 bonds, reservoir on Cedar Creek. O. K. Hobbs, city engr. Noted Dec. 2.

Tex., Brownsville—See "Unclassified."

Tex., Levelland—Voted $50,000 bonds. 3½ mi. 2 and 8 in. mains, etc., in various streets. Hawley & Roberts, Box 1115, Lubbock, engr. Noted Dec. 9.

Tex., Lewisville—Voted $62,000 bonds, waterworks improvements, pumping equipment, etc. Address Mayor.

Wash., Seattle—Bd. Pub. Wks. soon takes bids improving city's Cedar River water supply incl. 500,000 lin.ft. staves 42 and 60 in. pipe, all creosoted, Douglas fir, f.o.b. at Landsburg, Sandstrum Spur, Renton, 9th Ave. South and Lander St. shops. W. D. Freemann, city purch. agt. Noted Sept. 16.

Wash., Seattle — City Council plans issuing $2,000,000 bonds, improving and extending water supply. L. M. Grant, supt. Water Dept.

Wash., Tumwater—Plans 1.16 mi. water pipe line. $25,000. W. J. Roberts, city engr. Noted Dec. 16.

Calif., Roseville—Plans election $326,000 bonds, 118,815 ft. mains in various streets.

Que., Frelighburg — Town Clerk soon takes bids waterworks. $15,000.

Bids Desired

Mass., Holyoke—Jan. 7, by Bd. Water Comrs., City Hall, 5,000 ft. 1 in., 2,000 ft. 1½ in., and 2,000 ft. 1¼ in. black genuine wrought iron pipe, Reading or Byers, plugged and reamed, f.o.b. Holyoke Water Wks. Siding.

N. J., Hawthorne — Jan. 21, by Boro Comrs. School 1, Lafayette Ave., pumping station and installing pumping machinery, etc. H. J. Harder, 120 Market St., Paterson, engr.; adv. E. N.-R. Jan. 6.

Wis., Milwaukee—Jan. 10, by Central Bd. Purchases, J. W. Nicholson, ch. buyer, furnishing 1,700 tons 6 in., 2,000 tons 8 in., 1,600 tons 12 in. and 1,700 tons 16 in. Class C c.i. water pipe; 211 tons special castings; 205 special tapping valves; and 237 offsets, etc.

Ill., Olney—Jan. 18 (extended date), by City, waterworks and distribution system, incl. 1,500,000 gal. filter plant, 150,000 gal. steel tank on tower, 13,760 ft. 4- to 12-in. c.i. mains, relaying 5,700 ft. 10 in. pipe, two 750 g.p.m. dual driven centrifugal pumps, two 500 g.p.m. and one 3,000 g.p.m. motor driven pumps, two concrete dams and one concrete intake. $168,000. Edward Flad & Co., Chemical Bldg., St. Louis, Mo., engrs. Noted Dec. 9.

Minn., St. Paul—Jan. 11, by A. E. Eggert, city purch. agt., 31,680 ft. 6 in., 10,560 ft. 8 in., 5,280 ft. 12 in. and 2,640 ft. 16 in. c.i. pipe, 210 hub end, iron body, not operated, non-rising stem vertical gate valves, etc., for Water Dept. G. M. Shepard, city engr.

Tex., Kerens—Taking bids 8,000 ft. 6 in. and 5,000 ft. 8 in. c.i. pipe. McClendon & Purcell, Corsicana, engrs.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Tex., Childress—Jan. 12, by F. F. DuBose, engr., Childress, 4 mi. 12 in. pipe line from reservoir to City, altering and constructing water treatment plant at Lake Childress, incl. 350 ft. 20 in. and 5,400 ft. 16 in. Class "A" c.i. pipe, and 14,000 ft. Class "A" and "B" c.i. pipe, with necessary specials and valves, 1,525,000 gal. earthen reservoir, 1 concrete sedimentation basin with necessary dry feed chemical machines, and altering present piping at plant, etc., for City. $300,000. Noted Dec. 9.

Calif., San Diego—Jan. 24, by W. H. Cameron, city purch. agt., Sutherland Dam multiple arch or Ambursen type on city water development system. Noted Nov. 4.

Bids Received

Mass., Boston — Supply Dept., 100,000 iron castings, 9 x 9 flanged frames, and 400,000 lb. c.i. frames and covers from Franklin Machine Co., 44 Cross St., Providence, R. I., $0.0325 and $0.0265 per lb. respectively; also 200,000 lb. service pipe stock, from E. L. LaBaron Fdry. Co., Brockton, $0.952, for Dept. Water Serv.

Minn., Minneapolis—F. S. Gram, City purch. agt., Dec. 16, from Baker Valve Co., 1847 East 28th St., 71,592 ft. 6- to 24 in. c.i. pipe, etc., at $70 per ton, and gate boxes, collars 30 ton rings and covers at $68 per ton; also from Menzel & Jeffery Co., 900 South 4th St., rings and covers at $55.25 per ton. Noted Dec. 9.

Contracts Awarded

N. Y., Long Island City — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, 30 in. steel mains in 216th St., Luke Pl., Springfield Blvd., 56th Ave., etc., here, to Norton Constr. Corp., 21 East 40th St., New York City, $108,974. Noted Dec. 16.

Ill., Collinsville—For 4,689 ft. 4- to 17-in. c.i. mains, etc. in various streets, to Cole & Fauber, Marion, $21,682.

Wis., Eagle River—W. Gander, city clk., water supply, to Layne-Bowler Co., 429 Bway., Milwaukee, $31,925. Noted Nov. 18.

Kan., Wellsville—Waterworks, to W. B. Carter, 609 United Bank Bldg., Sioux City, Ia., $36,034. Noted Nov. 18.

Wash., Yakima—City Comrs., constructing reservoir, inlet and outlet, to H. Boyer, Son & Co., Yakima, $144,729; infiltration plant at Oak Flats, on Naches River, and 6,500 ft. pipe line across Wapato Ditch, to McHugh & Collucio, 517 3rd Ave. North, Seattle, $82,164; and major portion main pipe line, incl. crossing Naches River and several small ditches, to Cascade Pipe & Flume Co., Seattle, $241,061. Grand total $478,954. Noted Nov. 11.

Calif., Sacramento—H. G. Denton, city clk., 4-6- and 8-in. c.i. pipe, to Natl. Cast Iron Pipe Co., Hellman Bank Bldg., Los Angeles, $70,420; 10,000 ft. c.i. pipe, to Amer. Cast Iron Pipe Co., Balboa Bldg., San Francisco, $13,070; and 2,000 ft. 20 in. c.i. pipe, to U. S. Cast Iron Pipe & Fdry. Co., Monadnock Bldg., San Francisco, $7,273. Grand total $90,763. Noted Dec. 23.

Sewers

Proposed Work

Conn., New Britain — Committee from Common Council making preliminary investigation contingent with new sewerage system. $1,000,000. J. D. Williams, city engr.

N. Y., Granville—Village lets contract in spring, complete sewerage system, incl. Imhoff tank system. Barker & Wheeler, 36 State St., Albany, engrs.

N. Y., Hamburg—Making plans sewers in various streets; also filtration plant. $210,000. Clyde Potts, 30 Church St., New York City, engr.

N. Y., Syracuse—Comm. Council plans 41,147 ft. 5- to 30-in. rein.-con. or vitr. clay sewers in Meadowbrook Dr., Lancaster Ave., Haffenden Rd., Herford St., etc. $172,650. N. F. Pitts, Jr., City Hall, engr.

Pa., Chester — Plans pumping station, grit chamber, force mains, etc. $350,000. Barker & Wheeler, 36 State St., Albany, N. Y., engrs. Ultimate program to extend over period of 4 years, calls for expenditure $2,500,000.

Ga., Augusta—Soon takes bids extending sewers in various streets. $200,000. Noted Aug. 19.

La., Marksville — Voted $50,000 bonds, complete sewerage. H. A. Mentz, Hammond, engr.

Tenn., Nashville—Takes bids in spring, sewer extensions in various sections of city. $300,000 available. W. W. Southgate, city engr.

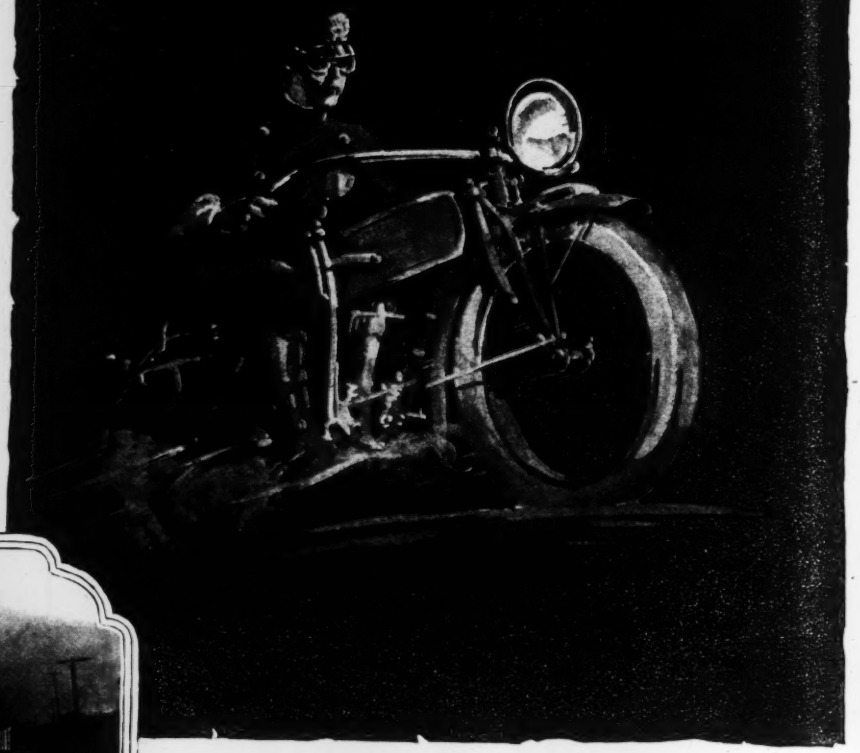
O., Akron—W. F. Peters, dir. Pub. Serv., plans 1,710 ft. 8- to 24-in. vitr. clay or 3,965 ft. 30- to 51-in. brick sewer in Glenwood and Dan Sts. $79,000. J. E. Root, Municipal Bldg., engr.

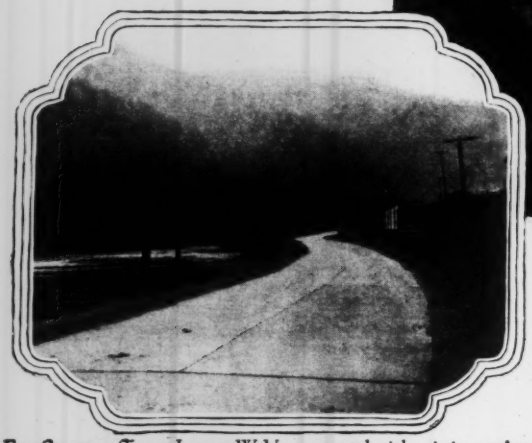
Ill., East St. Louis—Making preliminary plans complete sewerage system for North End Sewer Dist. $89,000. W. McK. Brown, City Hall, engr.

Constr. News page 2

When time is money . . .

use High-Early-Strength concrete made with standard (not special) Universal Cement





East Stratton Street, Logan, W. Va., repaved with minimum inconvenience to traffic thru use of High-Early-Strength ***Universal*** Concrete. Rupert Wilson, city engineer; Charles White, superintendent; standard ***Universal*** cement, the same quality as regularly handled, furnished by Logan Planing Mill Co.

Daily Traffic, 5000 Vehicles

New Road Sections Opened *Three Days* After Placing . . .

To repave East Stratton Street, Logan, W. Va., with the least possible inconvenience to the 5,000 motorists who use this road every day, High-Early-Strength *Universal* Concrete was used. Paving was done in sections, each section being opened *3 days* after placing. A detour was eliminated; full use of the new road was gained weeks earlier than usual; a permanently *better* and *stronger* pavement was secured.

High-Early-Strength concrete is made by using fully tested methods and standard *Universal* cement, which, being standard—not special—sells at the regular price. For detailed information, send in the accompanying coupon.

UNIVERSAL PORTLAND CEMENT CO.
210 South La Salle Street, Chicago.

Without obligation, please send me detailed information on methods for securing strong concrete in *3 days* with standard *Universal* [not special] cement, the same quality *Universal* regularly used.

Name .....

Address .....

ENR. 1-6-27

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

Sewers (Continued)

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, soon takes bids constructing Rock Creek Sewer 11, 6,990 ft. 8- to 24-in. vitr. clay pipe, $24,000; Manchester Ave. Sewer 6, 2,530 ft. 8- to 18-in. vitr. pipe, $7,900; Macklind Ave. Sewer, 1,213 ft. 8- to 12-in. vitr. pipe, $4,700; Cheltenham Sewer, 2,830 ft. 12- to 36-in. vitr. clay, brick or segmental block pipe, $25,000; also reconstructing and repairing Carroll St. Sewer $21,000, and Elliott Ave. Sewer $43,000. W. W. Horner, 300 City Hall, engr.

N. D., Williston—Election Jan. 18, $50,000 bonds, constructing 8,001 lin.ft. 10- to 66-in. sewers in various streets. W. H. Robinson, city engr. Noted Oct. 14.

Ark., Hot Springs—See "Unclassified."

Tex., Abilene—Voted $50,000 bonds, extending sewers in outlaying districts, etc. O. K. Hobbs, city engr. Noted Dec. 9.

Tex., Brownsville—See "Unclassified."

Tex., Cooledge—Defeated $40,000 bonds, sewerage system and disposal plant. J. H. Gamel, mayor. Noted Sept. 16.

Tex., Levelland—Voted $75,000 bonds, 3 mi. 6- to 12-in. sewers in various streets, and disposal plant. Hawley & Roberts, Box 1115, Lubbock, engrs. Noted Dec. 16.

Tex., Lewisville—Defeated $30,000 bonds, sewerage system. J. F. Von Zuben, 611 Dan Waggoner Bldg., Ft. Worth, engrs. Noted Dec. 30.

Calif., Berkeley—Plans election $500,000 bonds, extending storm sewer in various sections of city. A. J. Eddy, city mgr.

Calif., Dunsmuir—Plans sewage disposal plant. $25,000 or more.

Calif., Los Angeles — Plans sewers in Hazeltine Ave., Van Nuys Sect. To exceed $25,000.

Bids Desired

N. Y., Brooklyn—Jan. 12, by J. J. Eyrne, pres. Brooklyn Boro, Boro Hall, sewers in 96th and Lorimer Sts., Dahlgren Pl., Utica Ave. and Lenox Rd.

N. Y., Long Island City—Jan. 11, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sewers in Adam, 82nd, 83rd, 60th (Schroeder Pl.), and Halle Sts.; Myrtle, Woodside, 41st (Mansion Pl.), 42nd, Bradley, Greenpoint and Clermont Aves., etc.

N. Y., New York—Jan. 11, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., sewer in East 224th St., Laconia, Allerton and Bronxwood Aves.

N. Y., New York—Jan. 10, by J. Miller, pres. Manhattan Boro, Municipal Bldg., storm sewers in Canal and Vestry Sts.; and sanitary sewers in Varick, Vestry and Laights Sts.

N. J., Keansburg — Jan. 18, by Boro Council, J. B. Wright, mgr., 700 lin.ft. 6 in. sanitary sewer, 700 lin.ft. 4 in. house connections, etc., in Grove Pl. and Woodside Ave.; adv. E. N.-R. Jan. 6.

O., Cincinnati—Jan. 11, by Director Pub. Serv., 11,535 ft. 12- to 24-in. vitr. clay trunk sewer, Madisonville Contr. 7. $151,069. C. O. Sherrill, City Hall, engr. Noted Sept. 23.

Ill., Galesburg—See "Streets and Roads."

Calif., Los Angeles—Jan. 11, by Los Angeles Co. Sanitation Dist. 1, vitr. clay or machine made concrete sewer, etc. in Lynwood Rd. to Florence Ave. To exceed $25,000. A. K. Warren, Law Bldg., engr.

Calif., Los Angeles—Jan. 12, by Los Angeles Co. Sanitation Dist. 2, Belvedere Trunk Sewer, vitr. or rein.-con. pipe, etc. To exceed $25,000. A. K. Warren, Law Bldg., engr.

Calif., Los Angeles—Jan. 12, by Los Angeles Co. Sanitation Dist. 2, for Montebello Trunk Sewer, vitr. clay or machine made concrete pipe, manholes, etc., to exceed $25,000; furnishing and delivering pumps, air compressors, motors, tanks, etc., for activated sludge sewage treatment plant, f.o.b. Compton; and approximately 10,441 ft. 42 in. rein.-con. main trunk sewer from Harding Ave. to Vinevale, to exceed $25,000. A. K. Warren, Law Bldg., engr.

Calif., Sacramento—H. G. Denton, city clk., taking bids pre-cast pipe for (1st unit) sewerage system. To exceed $125,000. A. J. Wagner, city engr. Noted Dec. 2.

Bids Received

Mass., Boston—Metropolitan Dist. Comn., Sewer Div., 1 Ashburton Pl., Boston, Dec. 23, constructing Sect. 81, Belmont Relief Sewer, North Metropolitan System, 3,585 ft. 30 in. concrete and 16 and 30 in. c.i. pipe, in Cambridge and Belmont, from J. N. Ferguson, 22 Parkman St., Dorchester, $63,145. Noted Dec. 16.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, Dec. 29, main sewers in G St., from F. DiPasquale, 1215 South 7th St., $12,081, Packer Ave., from A. Jaffola & L. Mark, 139 South 50th St. $271,582, Upsal Ave., from A. Franzi, 513 High St. $15,049, and Washington Lane, from McIntyre Constr. Co., 6811 North Franklin St., $25,282; also collecting sewer in 18th St., from Mazzola & Marano, 739 South 7th St., $54,380. Noted Dec. 23.

O., Cleveland—City, Dec. 22, sewers in Sect. 1, East 82nd St. from Winterbottom-Connelly Co., 1400 West 25th St., $340,456; and Sect. 2 same street, from N. Carroccio, 14109 Benwood Ave., $209,426.

Calif., Los Angeles—Sewers, etc. in Mar Vista Ave., from Dalmatin & Nikecevich, 841 West 62nd St., approximately $234,060. Noted Dec. 30.

Contracts Awarded

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, to S. Guerriero, 1024 66th St., sewers in East 8th St. $3,117, R. Iovino, 78 Glenmore Ave., Linden Blvd. $1,765, Avenue H $968, and 9th Ave. $1,268; also to Central Eng. & Contg. Co., 73 8th Ave., New York City, repairing mechanical sewage disposal plant Caisson 3, $21,505. Grand total $28,623. Noted Dec. 30.

N. Y., Mamaroneck—Bd. Village Trustees, constructing sewerage system, to M. Miarinelle, 156 Lake Ave., Bristol, Conn., Contr. 3 $38,177, Contr. 4 $53,128, and Contr. 5 $22,210. Grand total $113,515. Noted Nov. 18.

Pa., Pittsburgh—Sewers in Forbes St., to Dinlus & Benintend, Hargrove St. $36,013. Engrs. est. $50,000. Noted Nov. 4.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., concrete sewers in Auer and Green Bay Aves., to Wenzel & Henoch Constr. Co., 498 27th St., $769 and $2,396 respectively; 43rd St., to W. T. Werner, 675 Hi-Mount Blvd., $1,114; 46th St., to Rausch & Busse, 918 44th St., $2,145; Franklin St., to G. E. Zimmermann, 3402 Grand Ave., $15,890; Holt Ave., to Milwakee Sewer & Drainage Co., 928 Humboldt Ave., 6th St., to P. & L. Co., 038 Edgewater Ave., $3,529; 32nd Ave., to Minerswa Constr. Co., 582 20th St., $5,767; and Trowbridge Ave., to M. Synovitz, 944 2nd Ave., $7,005. Grand total $39,690. Noted Dec. 16.

Kan., Salina—Sewage pumping station, force mains, sewage treatment plant and outfall sewer, etc., to H. J. Taylor Constr. Co., Salina, $139,662. Noted Dec. 30.

Bridges

Proposed Work

Pa., Williamsport—Comrs. Lycoming Co. plan reconstructing Bridge 2, steel and rein.-con. over Lycoming Creek, on Susquehanna Trail, and Glen Mawr Bridge over Muncy Creek, on Eagles Mere Highway. $100,000. M. C. Krause, Susquehanna Trust Bldg., engr.

Miss., Pascagoula—F. Taylor, chancery clk. Jackson Co., postponed taking bids electrically driven draw spans for bridges at Moss Point and here. Noted Nov. 4.

Wis., Merrill—Plans 580 ft. span bridge. $40,000. H. R. Allen, city clk.

Wis., Sparta — City Clerk takes bids about Mar. 15, constructing 40 ft. concrete deck girder bridge, 30 ft. roadway and two 6 ft. walks. F. J. Davy, La Crosse, engr.

Minneapolis—State Hy. Dept., St. Paul, making plans constructing 3,649 lin.ft. bridges on trunk highways during 1927. $487,142. C. M. Babcock, highway comr.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, takes bids in spring 1,750 ft. rein.-con. viaduct, 60 ft. over River Des Peres and St. Louis, San Francisco R.R. tracks at Arsenal St. Rosalie St., Jamison and Ellendale Aves. will be raised to meet new grades of viaduct and approaches. $465,840. L. R. Bowen, 301 City Hall, engr.

Ark., Dardanelle—State Hy. Dept., Little Rock, Yell Co. (Dardanelle) and Pope Co. (Russellville), soon take bids 2,600 ft. rein.-con. and steel bridge, 30 ft. wide, and 56 ft. above low water level over Arkansas River, here. $600,000. R. C. Limerick, highway engr. Noted Dec. 10, 1925.

Ark., Malvern—Comrs. Quorum Court of Hot Springs Co. rejected bids Dec. 6, 3 span 360 ft. steel and concrete bridge over Ouachita River midway between Grigsby Ford and Green Ferry Bridges. C. O. Free, c/o Vincennes Bridge Co., Vincennes, Ind., engr. Noted Nov. 25.

Texas — Houston Co. (Crockett) and Madison Co. (Madisonville) making plans and take bids about Mar. 1, 2,800 ft. steel and rein.-con. concrete timber pile trestle bridge across Trinity River, on Highway 21. F. J. Von Zuben, Crockett, engr.

Tex., Alice—See "Streets and Roads."

Tex., Carthage—See "Streets and Roads."

Bids Desired

N. J., Jersey City—Feb. 3, by G. J. Ray, ch. engr. Delaware, Lackawanna & Western R.R., Hoboken Terminal, Hoboken, 1,500 ft. (with approaches), 3 track bridge, 60 ft. with 200 ft. draw span over Hackensack River, adjacent and parallel to present bridge, here. $3,000,000.

South Carolina—See "Streets and Roads."

Florida—Jan. 26, by State Road Dept., Tallahassee, **(P. means Project and R. means Road)**, 108 ft. rein.-con. bridge over Turkey Creek, Federal Aid Project 40-B, R. 4, Brevard Co.; 131 ft. rein.-con. overhead, on P. 640-B, R. 4, Martin Co.; 1,600 ft. rein.-con. bridge on precast concrete piles across Doctors Inlet, P. 664, and 1,400 ft. rein.-con. bridge over Black Creek, P. 665, both R. 3, Clay Co. J. L. Cresap, highway engr.

Alabama—See "Streets and Roads."

Alabama—Jan. 12, by State Hy. Dept., Montgomery, 2 bridges on Selma Montgomery Rd., Federal Aid Project 11, Lowndes Co., 73,000 ft. treated timber, 450 ft. treated piling, 664 sq.yd. rock asphalt surfacing, etc.; also bridge across Styx River, and improving 2 mi. Loxley-Florida State Line Rd., Federal Aid Project 184-A, Baldwin Co., 27.94 acres clearing and grubbing, 58,280 cu.yd. excav., 17,200 ft. guard rail, 8,000 cu.yd. sand clay surfacing, 17,500 sq. yd. Bermuda sod, 96,250 ft. treated timber, 3,612 ft. treated piling, etc. W. A. McCalla, highway engr.

Ia., Clinton—Jan. 12, at office Auditor Clinton Co., two 80 x 20 ft. pony truss bridges with two 32 x 20 ft. I-beam approaches on each bridge. E. B. Lorenzen, Clitnon, co. engr.

Ia., Harlan—Jan. 18, at office Auditor Shelby Co., 3 span 60 x 20 ft. skew pony truss bridge. F. W. Sarvis, Harlan, co. engr.

Tex., Lubbock—See "Streets and Roads."

Que., Montreal—Jan. 10, by T. T. Irving, ch. engr. (Central Region) Canadian Natl. R.R., New Union Sta., Toronto, constructing wooden deck on highway portion Victoria Bridge, here.

Bids Received

New York—A. W. Brandt, comr. Dept. Pub. Wks., Albany, **(e.e. means engineers estimate)** constructing Bridge 3, on Highway 886, Lexington-Prattsville, Part 2, Green Co., from M. J. McMahon, Du Bois, Pa., $101,492 e.e. $108,721, Bridge 8 on Highway 8253, Bolivar-Wellsville, Part 2, Allegany Co., from Standard Eng. & Contg. Co., 36 State St., Albany, $38,471 e.e. $41,973, and Bridge 1, on Highway 5103, Stottville-Stuyvesant Falls Highway, Columbia Co., from Riteway Constr. Co., 299 Bway., New York City, $118,233 e.e. $139,763; reconstructing Bridge 7, Repair Contr. 3157, on Highway 5234, Liberty-County Line Rd., Part 2, Sullivan Co., from Frank Lewis & Sons, Afton, $35,379 e.e. $39,141, Bridge 1, Repair Contr. 1551, on Highway 198, Delaware Turnpike, Albany Co., from F. E. Antolick, Schaghticoke, $6,235 e.e. $7,192, Bridge 2, Repair Contr. 1555, on Highway 1563, Chatham-Chatham Center Rd., Columbia Co., from D. B. Riggs, 157 3rd St., Troy, $45,623 e.e. $48,307. Noted Dec. 9 under "Streets and Roads."

New Jersey—State Hy. Comn., Trenton, longitudinal beam, rein.-con. bridge across South River, near Mays Landing, Atlantic Co., from F. L. Grant, Harrisburg, Pa., $19,983; also 2 bridges across North and South Channels Shark River, between Belmar and Avon, Monmouth Co., from Parker & Graham, 5 Colt St., Paterson, $397,392. Noted Dec. 16.

Contracts Awarded

Conn., Essex — Town Bd. Selectmen, Bridges 1 and 2, to Holbrook Co., Westbrook; and Bridge 4, to A. J. Doane, Essex, all rein.-con. slab. Engrs. est. $25,000.

N. J., Atlantic City — Atlantic Co., Guarantee Trust Bldg., reconstructing Albany Ave. Bridge, spanning inside thorofare on Pleasantville Blvd., to S. S. Thompson & Co., Inc., Herbert St., Red Bank, $482,185. Noted Dec. 30.

Fla., Pensacola—Bd. Comrs. Escambia Co., H. E. Gandy, chn., reconstructing rolling lift highway bridge over Bayou "Chico," to Runyan & Co., Pensacola, $8,900. Noted Dec. 2.

O., Dayton — Comrs. Montgomery Co., Court House, substructure bridge over Miami River, on Waggoner Ford Rd., to Roberts Supply Co., Lima, O., $25,176; superstructure, to Central States Bridge

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Bridges (Continued)

Co., 601 Beecher St., Indianapolis, Ind., $50,650. Noted Nov. 18.

Kan., Alma—See "Streets and Roads."

Kan., Ft. Scott—Bourbon Co., one 82 ft. rainbow arch, two 25 ft. deck girder bridges, on Federal Aid Project 208-B, to F. Luttjohann, 2053 Kansas St., Topeka, $21,741. Noted Dec. 2.

Kan., Oberlin—See "Streets and Roads."

Missouri—State Hy. Dept., Jefferson City, to Fogleman & Davidson, De Sota, two 10 ft. rein.-con. slab spans, etc. over creek, Livingston Co. $2,362, to Kiefner & Geile, Perryville, 12 ft. rein.-con. slab span, etc. over creek, St. Genevieve Co. $8,920, to J. M. Roark & Sons, Anderson, 20 ft. rein.-con. slab span, etc. over creek, Vernon Co. $5,567, to Cottle & Campbell & Co., Troy two 12 ft. rein.-con. slab spans over Dry Fork, Ralls Co. $2,637, to Gray Constr. Co., Marshall, three 20 ft. rein.-con. slab spans, etc. on Dry Branch, Vernon Co. $14,029, to Pittsburgh Des Moines Steel Co., Tuttle and Southwest 10th Sts., Des Moines, Ia., three 24 ft. rein.-con. slab spans, etc. over Chicago, Burlington & Quincy R.R. tracks, Livingston Co. $5,254; to Maxwell Constr. Co., Columbus, Kan., two 10 ft. rein.-con. slab spans, etc. over Fidelity Branch, two 12 ft. rein.-con. slab spans, etc. over Fidelity Branch $4,318, two 12 ft. rein.-con. slab spans, etc. over Grove Creek $5,275, three 24 ft., rein.-con. slab spans, etc. over Grove Creek $5,251, three 20 ft. rein.-con. slab spans, etc. over slough $4,316, eleven 20 ft. and two 24 ft. rein.-con. slab spans, also one 50 ft. rein.-con. girder spans, etc. over Center Creek $20,988, and two 30 ft. rein.-con. slab spans, etc. over creek $443, all in Jasper Co.; to M. D. Stebbins, Frederickstown, three 40 ft. rein.-con. deck girder spans, etc. over Fish Branch $10,419, four 40 ft. rein.-con. deck girder spans, etc. over Lick Creek $12,972, two 45 ft. and two 30 ft. rein.-con. deck girder spans, etc. over Fork Salt River $11,412, all Audrain Co. to Thomas & Sampson, Bonnots Mill, 25 ft. I-beam span, etc. over Drainage Ditch, Carroll Co. $3,465, and 35 ft. I-beam span, etc., over creek, Jackson Co. $1,617. Noted Dec. 9.

Dams

Bids Desired

New York — Jan. 14, by T. F. Farrell, comr. Canals & Waterways, Albany, removing old stone-filled timber-crib apron and constructing new concrete apron, etc. at Northumberland Dam, Northumberland, Contr. M-23, Champlain Canal, Sect. 1, Contr. M-23; also repairing Glens Falls, Feeder at various locations between Hudson Falls and Feeder Dam, Contr. M-24; adv. E. N.-R. Jan. 6.

Railways

Proposed Work

West Virginia—Norfolk & Western Ry. Co., Roanoke, Va., W. F. Wiltsee, ch. engr., plans 53 mi. new railroad at or near Elmore via Gilbert to Warncliffe, etc.

Georgia and South Carolina—Georgia & Florida R.R. Co., Augusta, Ga., H. B. Holmes, ch. engr., plans new railroad from Augusta, Ga., to Greenwood, S. C.

Alabama—Manistee & Repton R.R. Co., J. B. Barnett, pres., Manistee, plans 3 mi. railroad from Monroeville to Monroeton.

Louisiana—Missouri, Pacific R.R. Co., Ry. Exch., St. Louis, Mo., plans 4 mi. branch line railroad from Tioga to Camp Beauregard, Rapides Parish, here. E. A. Hadley, St. Louis, ch. engr.

South Dakota—Chicago & Northwestern R.R. Co., W. J. Towne, ch. engr., Chicago, Ill., plans constructing approximately 11.5 mi. spur from Nisland east and south into Belle Fourche River Valley; also approximately 3 mi. spur from point south of Belle Fourche south and west into Spearfish Valley, here.

Bids Desired

Alabama — Jan. 17, by Muscle Shoals, Birmingham & Pensacola R.R. Co., c/o St. Louis-San Francisco Ry. Co., Frisco Bldg., St. Louis, Mo., F. G. Jonah, ch. engr., grading right-of-way, bridging, trestle work, etc., on 93.5 mi. new line between Aliceville and Kimbrough. Laying rails, etc., advertised later.

Arkansas—See "Contracts Awarded."

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Contracts Awarded

Arkansas — Missouri-Pacific R.R. Co., Railway Exch. Bldg., St. Louis, Mo., E. A. Hadley, ch. engr., grading, bridging, culverts, etc. on 12 mi. extension between Hot Springs and Hawes, here, to W. P. McGeorge & Co., Pine Bluff. Bids on track work later. Engrs. est. $400,000.

Arkansas — Missouri-Pacific R.R. Co., Railway Exch. Bldg., St. Louis, Mo., E. A. Hadley, ch. engr., grading, bridging, culverts, etc. on 7.5 mi. extension out of Nashville, here, to W. P. McGeorge & Co., Pine Bluff. Bids on track work later. Engrs. est. $230,000. Noted Oct. 7.

Arkansas — Missouri-Pacific R.R. Co., Railway Exch. Bldg., St. Louis, Mo., E. A. Hadley, ch. engr., Texas & Pacific R.R. Co., Dallas, Tex., E. F. Mitchell, ch. engr., St. Louis, Southwestern R.R. Co., Tyler, Tex., W. S. Hanley, ch. engr., and Kansas City Southern R.R. Co., Kansas City, Mo., A. N. Reese, ch. engr., 40,000 cu.yd. grading, incl. 30,000 cu.yd. steam shovel work, etc. incident to track changes, etc., for new union depot, in Texarkana, here, to List Constr. Co., Railway Exch. Bldg., Kansas City, Mo., approximately $30,000. Sub-let 10,000 cu.yd. team grading, to J. R. Miller, Texarkana, Ark., Missouri-Pacific division forces will take up and relay tracks and lay 6 new tracks, and necessary side tracks, etc. for new depot and yards, by day labor. Noted Aug. 19, under "Buildings—Commercial under Texarkana, Ark."

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

O., Cleveland—Syndicate, S. Livingston Mather of Pickands, Mather & Co., Rockefeller Bldg., making preliminary plans dredging, canals, islands, harbour, 100 ft. breakwater, 300 ft. piers, casino, and yacht club for new residential allotment along Lake Erie at Mentor Park. F. A. Pease Eng. Co., Marshall Bldg., engr.

Wis., Fond du Lac—C. J. Fay, city clk. postponed indefinitely bids to have been opened Dec. 28, dredging and removing 175,000 cu.yd. earth from Lake Winnebago to Lakeside Park. Noted Dec. 23.

Tex., Bishop—Bishop—Driscoll Drainage Dist., c/o A. S. Theisa & J. K. Williams, election Jan. 4, drainage project serving about 35,000 acres east and north of here. $110,240. Private plans.

Tex., Orange—Orange Co. Drainage Dist., c/o D. E. Roach chn., making preliminary surveys drainage system for reclamation of lands. $3,000,000 or more. F. Shutts & Sons, 921½ Ryan St., Lake Charles, La., engrs.

Bids Desired

La., Shreveport — Jan. 19, by W. A. Kerley, secy. Caddo Levee Dist., 126 Milam St., 3,126 ft. new levee or 1,000 ft. bank protection in Red River, here. Bd. State Engineers, 213 New Orleans Court Bldg., New Orleans, engrs.

Ind., Knox—Jan. 15, by J. E. Lucas, constr. comr., Court House, constructing Anderson Ditch, Starke Co.

Ia., Maquoketa—Feb. 10, by A. R. McMeans, aud. Jackson Co., improving Green Island Levee & D. D. 1. C. H. Young, Central States Eng. Co., Muscatine, ch. engr.; adv. E. N.-R. Jan. 6.

Bids Received

Fla., Fort Lauderdale—City Comn., from Hollywood Dredging & Constr. Co., dredging New River, 21,400 yd. rock excav. at $3 per yd., 22,900 yd. sand excav. $0.25, total $69,925.

Louisiana — Bd. Comrs. Atchafalaya Basin Levee Dist., Dec. 6, 10,000 cu.yd. Legonier Levee enlargement on left bank Atchafalaya River, from Douglas, Buchanan & Crow, Shreveport, $1,995. Noted Nov. 18.

Louisiana — Red River, Atchafalaya & Bayou Bouef Levee Dist., 165,000 cu.yd. earthwork, from Ogden & Lewis, Baton Rouge, $21,400.

Calif., La Mesa — Directors La Mesa, Lemon Grove & Spring Valley Irrigation Dist., constructing Lake Helix dam and reservoir water pipe lines, from Stephens & Crable, La Jolla, $25,886. Noted Dec. 2.

Contracts Awarded

N. Y., New York — M. Cosgrove, comr. Docks, Pier "A," foot Battery Pl., North River, dredging piers 58 to 61, North River, Contr. 1884, to Columbia Dredging Corp., 50 Church St., $33,750. Noted Dec. 23.

Calif., Los Angeles—For 2,000,000 cu.yd. fill for Cabrillo Beach, to United Dredging Co., Central Bldg., at $0.115 per cu.yd. Noted Dec. 16.

Streets and Roads

Proposed Work

Mass., Cambridge (Boston P. O.)—Plans widening Main St. from Kendall Sq. to 1st St. To exceed $25,000. Private plans.

Conn., Hartford—Plans macadam paving West Blvd., Ft. Guard and Ward Places, Camfield, Fairfield, Hillside, Homestead, Tower and Madison Aves., Branford, Burnham, South, Carpenter, Catherine, Cornwall, Holcomb, Freeman, Goshen, Waterford, Griswold, Loomis, Lyme, Marrion, Nepaug, Newton, Roosevelt, Sanford, South Marshall, Tredeau, Violet, Winchester, Euclid, Hartland, Hoadley and Barbour Sts. $1,781,918. R. N. Clarke, Municipal Bldg., engr.

N. Y., Syracuse—Soon takes bids sheet asphalt or concrete paving Grant Blvd., Lodi, Wolf and North Salina Sts. $400,000. N. F. Pitts, Jr., City Hall, engr. Noted Dec. 2.

Va., Richmond — Bd. Pub. Wks., R. Keith, dir., plans improving various streets, incl. widening Broad St., etc. $500,000.

W. Va., Elizabeth—Spring Creek Dist. election Jan. 25, $34,000 bonds, improving roads in Wirt Co. S. E. Parsons, co. clk.

W. Va., Parkersburg — Election soon $300,000 bonds, brick paving 40 streets. I. N. Langfitt, street comr.

N. C., Winston-Salem—Bd. Comrs. Forsyth Co. plans appropriating $150,000, hardsurfaced roads. $150,000 appropriated.

Ga., Brunswick—Glynn Co. election Jan. 26, $250,000 bonds, improving roads.

Miss., Bay Springs—Jasper Co. takes bids in February, grading, bridging, graveling, etc., 40 mi. various roads. J. L. Wheless, Carter Bldg., Hattiesburg, engr.

Miss., Gulfport—Harrison Co. rejected bids warrenite or 3 in. asphalt on 5 in. concrete paving 7,400 ft. Biloxi-Ocean Springs Rd., 18 ft. Will readvertise. W. S. Hawkins, Court House, engr. Noted Nov. 25.

Miss., Natchez — Making preliminary plans grading, curbing, guttering and hardsurfacing portions St. Catherine, Homochitte, Pine, Woodlawn, Rankin, Linton, Madison, Bee, Rankin, High, Commerce, Pearl, Briel, Canal, Washington, Orange, State, Oak and St. Marys Sts.

Miss., Pascagoula—Jackson Co., Supervisory Dist. 4, voted $65,000 bonds, grading and gravel surfacing Old Spanish Trail from Ft. Bayou to Harrison Co. line. Noted Nov. 25.

La., Cameron—Election Jan. 11, $160,000 bonds, grading and graveling Gulf Beach Highway from De Ridder to Cameron Beach.

La., West Monroe—Voted $50,000 bonds paving intersections Wood St. from School to 4th Sts. $50,000. Noted Dec. 9.

Ohio — Dept. Highways & Pub. Wks., Columbus, will ask $8,489,950 appropriation for new highway construction, and state aid in grade crossing elimination work from July 1, 1927, to Dec. 31, 1928.

O., Canton—Stark Co. plans hardsurfacing 21 mi. road from Mapleton through Waco north to Canton Corporation line, $50,000-$60,000; and improving 2 mi. Oakwood Rd. from Harrisburg Rd. east to Cleveland Ave. N. W., $50,000, both 16 ft. A. M. Wise, Court House, engr.

Michigan — R. A. Beers, resident engr., Kalamazoo, soon takes new bids concrete paving 9.165 mi. F. A. 236, Sect. A, 20 ft. Berrien Co., for State Hy. Dept., Lansing.

Mich., Detroit—Making plans Medina or concrete curbing, grading, and 3½ in. sheet asphalt on 8 in. concrete paving Haves, Troester, Leidich and Halleck Aves., $90,140. P. A. Fellows, city engr.

Ill., East St. Louis — Soon takes bids grading, paving, curbing, etc., portions 10 streets and avenues in Renshaw Ave. Paving Dist. $155,600. W. McK. Brown, City Hall, engr.

Wis., Eau Claire—O. E. Oien, city clk., making plans concrete paving, etc., approximately 1 mi. various streets. To exceed $25,000. J. T. Hurd, City Hall, engr.

Wis., LaCrosse—Making plans and soon takes bids rein.-con., vitr. brick, asphaltic concrete, asphaltic macadam, bitulithic concrete or vibrolithic concrete paving 3,000 lin.ft. Copeland Ave. Causeway, 56 ft. To exceed $25,000. C. C. Congdon, City Hall, engr.

Streets and Roads (Continued)

Wis., Manitowoc—Comrs. Manitowoc Co. authorized issuing $250,000 bonds, improving various roads.

Wis., Tomah — City Clerk takes bids about Feb. 15, 7 in. concrete vibrolithic, bituminous macadam, asphaltic binder, or brick on sand paving 15,000 yd. various streets. $35,000. F. J. Davy, La Crosse, engr.

Ia., Clarence—Making plans concrete, vibrolithic concrete, bitulithic, brick or asphaltic concrete paving 17 blocks various streets. H. R. Green Co., Bever Bldg., Cedar Rapids, engrs.

Ia., Danbury—Plans paving 25,000 sq.yd. various streets. $60,000. W. E. Buell & Co., 205 Davidson Bldg., Sioux City, engrs.

Ia., Ft. Madison—Plans paving 25 blocks various streets. R. J. Lewis, city engr.

Ia., Fremont—Making plans 6 in. concrete paving 12 blocks various streets, Tumy & Russell, Oskaloosa, engrs. Noted Dec. 9.

Ia., Lowden — Making plans curbing, guttering and concrete, vibrolithic concrete, bitulithic, brick or asphaltic concrete paving 12 blocks various streets. H. R. Green Co., Bever Bldg., Cedar Rapids, engrs.

Ia., Traer — Plans graveling, curbing, guttering and paving 30 or 35 blocks various streets. T. F. Stoakes, city clk.

Ia., Wilton Junction—Making preliminary plans brick, concrete or asphaltic concrete paving 40 blocks various streets. H. R. Green Eng. Co., Bever Bldg., Cedar Rapids, engrs.

Ia., Monticello—Soon takes bids grading, curbing, concrete, vibrolithic concrete, asphaltic concrete, Warrenite bitulithic or brick paving, etc., 60 blocks various streets; also made plans storm sewers in various streets, $9,000. H. R. Green Co., 208-09-10 Bever Bldg., Cedar Rapids, engr.

Ia., Wilton Junction—Takes bids probably in January, grading, curbing and concrete, asphaltic concrete, vibrolithic concrete, asphalt, warrenite bitulithic or brick on concrete paving 20 blocks various streets. H. R. Green Co., 208-10 Bever Bldg., Cedar Rapids, engrs. Noted Dec. 9.

Minnesota — State Hy. Dept., St. Paul, making plans improving trunk highways during 1927, incl. 339 mi. grading, $2,212,749; 568 mi. graveling, $1,013,215; and 188 mi. concrete paving, $4,566,160. C. M. Babcock, highway comr.

N. D., Williston—Election Jan. 18, $150,000 bonds, paving approximately 45,000 sq.yd. various streets. W. H. Robinson, city engr.

Mo., Mexico—Takes bids about Mar. 1, grading and 6 in. rein.-con. paving approximately 12,000 sq.yd. various streets. M. M. Edwards, mayor. Noted Oct. 21.

Mo., Plattsburg—Plattsburg Co. voted $200,000 bonds, improving roads.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, soon takes bids amiesite on concrete paving, etc., 3,355 sq.yd. Harney St. $26,900, and 2,690 sq.yd. Woodland Ave. $24,300; warrenite on concrete paving, etc., 860 sq.yd. Prather St., $8,350; asphaltic concrete paving, etc., 1,705 sq.yd. Shirley St. $12,800, 1,745 sq.yd. Marmaduke St. $11,900, and 2,975 sq.yd. Nagel St. $20,300; also grading and concrete paving 1,316 sq.yd. alleys in City Blocks 5895 and 1303, $3,911. W. W. Horner, 300 City Hall, engr.

Ark., Fayetteville—Takes bids in early spring asphalt on broken stone surfacing 8,000 sq.yd. North College Ave., Dist. 31, $24,000-$27,000, asphalt or concrete paving Huntsville Rd., Mill and Rock Sts., and grading, curbing and paving portion Watson St., all in Dist. 33, $36,000; curbing and guttering Douglas, Lindell and Oak Sts., Dist. 32, $8,250. E. M. Ratliffe, Stone Bldg., engr. Noted Oct. 28.

Tex., Abilene—Voted $150,000 bonds, permanent paving various streets. O. K. Hobbs, city engr.

Tex., Alamo—Voted $30,000 bonds, permanent paving various streets in business district. Address Mayor.

Tex., Alice—Jim Wells Co. returned bids unopened, grading and bridging 9.788 mi. Highway 12-A, Federal Aid Project 424-D, Unit 1. $52,000. Will readvertise. F. E. Hess, Alice, resident engr.

Tex., Archer City — Archer Co. election Feb. 5, $1,500,000 bonds, road construction. E. M. Hooper, Archer City, co. judge.

Tex., Brownsville—Cameron Co. election Jan. 29 (extended date), $6,000,000 bonds, grading, graveling and hard paving 180 mi. main unpaved highways, etc. W. O. Washington, Brownsville, co. engr. Noted Dec. 16.

Tex., Canyon—Randall Co. voted $250,000 bonds, hard-surfacing 14 mi. main highway. R. Lester, Canyon, judge.

Tex., Carthage—Panola Co. making plans grading and bridging 8.916 mi. Highway 64. $97,000. D. E. Martin, Carthage, engr.

Tex., Corpus Christi — Making plans curbing, guttering, levelling, and grading, etc., 16 streets and avenues, incl. Carroll, Mesquite and Hughes Aves. $150,000. H. Levinson, city engr.

Tex., Dallas — City Comn. takes bids about Jan. 15 permanent paving 200 blocks 30 streets in residential district. $700,000. E. A. Kingsley, city engr. Noted Dec. 16.

Tex., Falfurrias—E. A. Smith, chn. State Hy. Comn., Austin, returned bids unopened, grading, bridging, disintegrated limestone, and 1 in. rock asphalt paving 2.518 mi. Highway 12, Federal Aid Project 429-1, $51,000; grading, bridging, caliche and 1 in. two course limestone rock asphalt paving 10.998 mi. same road, Federal Aid Project 505, $142,000; grading, bridging and 1 in. rock asphalt paving 20.152 mi. same road, $275,000. J. E. Johnson, Falfurrias, resident engr. Noted Sept. 23.

Tex., Galveston — Making preliminary plans widening and paving 7 blocks Market St. from 19th to 26th Sts. $70,000. C. A. Holt, Jr., city engr.

Tex., La Feria—Voted $50,000 bonds, permanent paving various streets. Address J. A. Raemond, city secy. Noted Dec. 23.

Tex., Paducah—Cottle Co., election Jan. 15, $800,000 bonds hard paving and surfacing 40 mi. main highways. J. L. Whatley, Paducah, co. judge.

Oklahoma — State Hy. Dept., Oklahoma City, made surveys grading, etc., 85,000 cu. yd. State Hy. 18, Pontotoc Co., incl. 17 tons reinforcing, etc. $38,000. J. M. Page, highway engr.

Okla., Chickasha—Plans grading, curbing and sheet asphalt paving 7,440 sq.yd. Choctaw Ave. $38,200. R. O. Bradley, Chickasha, engr.

Okla., Cordell—Washita Co. voted $800,000 bonds, improving 29 mi. various roads, 30 ft. J. M. Page, Capitol Bldg., Oklahoma City, highway engr. Noted Dec. 2.

Okla., Oklahoma City — Plans grading, curbing and sheet asphalt paving 6,600 sq. yd. North Florida St. $33,210. B. M. Hart, City Hall, engr.

Okla., Seminole — Plans grading, curbing, and concrete paving 13,200 sq.yd. North 1st St. $42,600. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Sentinel—Plans grading and concrete paving 20,770 sq.yd. Main St. $61,300. C. A. Wood, Stillwater, engr.

Calif., Bakersfield—Kern Co. plans 3 mi. cement sidewalks, etc., on Descanco Park and portion Niles Tract.

Calif., Barnes City—Making plans curbing, ornamental street lighting system, and Warrenite bitulithic paving Centinella Blvd. between Washington Blvd. and Jefferson St. To exceed $25,000.

Calif., Dunsmuir—Making plans paving, street lighting system, etc. on Castle Ave., Oak St., etc. To exceed $25,000. C. C. Kennedy, Call Bldg., San Francisco, engr.

Calif., Los Angeles—Plans probably 8 in. concrete paving Pendleton Ave. between Pacoima Ave. and San Fernando Rd. To exceed $50,000. J. Shaw, City Hall, engr.

Calif., Los Angeles—Plans Willite paving Parthenia St. between Reseda Blvd. and Vanalden Ave. To exceed $25,000. J. C. Shaw, City Hall, engr.

Calif., Los Angeles—Plans paving, etc., approximately 195 mi. various streets in San Fernando Valley section. J. C. Shaw, City Hall, engr.

Calif., Los Angeles—Made plans 6 in. concrete paving, etc., 192.936 sq.ft. 82nd St. and Avalon Ave. Impvt. Dist. J. C. Shaw, City Hall, engr.

Calif., National City — Voted $180,000 bonds, paving various streets.

Calif., Oakland — Making plans paving etc. East 16th St. between 2nd and 14th Aves. To exceed $25,000. W. W. Harmon, city engr.

Calif., Palo Alto—Plans widening streets, constructing storm sewers, and extending water-mains in Mayfield Dist. To exceed $25,000. J. F. Bxybee, city engr.

Calif., San Diego—Common Council plans grading, curbing, sidewalks and 5 in. concrete paving, etc., 653,638 sq.ft. Dolphin Pl. and other streets. F. A. Rhodes, city engr.

Calif., Santa Rosa—Sonoma Co. plans extending unpaved portions highway between Calistoga through Knights Valley connecting with paved road through Alexander Valley. To exceed $25,000. E. A. Peugh, Santa Rosa, co. surv.

Calif., Santa Rosa—Sonoma Co. making plans paving, etc., approximately 3 mi. Sebastopol Highway. $60,000 or more. E. A. Peugh, Santa Rosa, co. surv.

Quebec—Provincial Government, Quebec, plans constructing 180 mi. main roads.

Que., Cap de la Madeleine—Plans constructing 2½ mi. St. Madeleine St. $120,000. R. Morrissette, Cap de la Madeleine, engr.

Ont., Merlin—Kent Co. Council making plans concrete paving main street and 3 main approaches. $50,000. Colby, Harrison Hall, Chatham, engr.

Bids Desired

N. Y., Long Island City—Jan. 12, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., grading, curbing and sidewalks on Fosdick and 95th Aves.; grading, curbing and sheet asphalt on concrete paving 95th St. (Chichester Ave.), Beach 117th St. (6th Ave.), Steuben, 98th and Hancock Sts., etc.

N. Y., New York—Jan. 11, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., grading, curbing, sidewalks, etc., on Carroll and Sands Pls., Holland, Leland, Johnson, Perry, Astor, Yates, Cruger, Metcalf Aves., etc.

N. J., Merchantville (Ind. br. Camden)—Jan. 10, by City Council, grading, curbing, guttering and concrete paving 17,520 sq.yd. various streets. Remington & Vosbury, Cooper St., Camden, engrs.

South Carolina—Jan. 13, by State Hy. Dept., Columbia, top soiling, etc., 6.7 mi. Route 22, Federal Aid Project 265-B; sand clay surfacing, bridging, etc., 7.9 mi. Route 161, State Project S-646-A, 3.38 mi. Route 22, State Project S-627-C, 2 mi. Route 22, State Project S-627-A, all foregoing in Fairfield Co., 3.1 mi. Route 121, State Project S-599, and 12.1 mi. Route 6, State Project S-576, both Lexington Co., 6.1 mi. Route 121, State Project S-619, Aiken Co., State Highway Engineer, Columbia, engr., 10.3 mi. Route 30, Federal Aid Project 115-C, Orangeburg Co., H. C. Mobley, Orangeburg, engr., 8.5 mi. Route 4 and 30, Federal Aid Project 281, Clarendon Co., H. G. Jones, Florence, engr.; asphaltic concrete surfacing, etc., 6.9 mi. Route 2, Federal Aid Project 38-A, Oconee Co., E. D. Sloan, Greenville, engr.; sand clay surfacing and 3 treated timber bridges on 10.9 mi. Route 40, Federal Aid Project 267-B, Georgetown Co., H. G. Jones, Florence, engr.; rein. con. and steel bridge over Turkey Creek, on Route 21, Federal Aid Project 230-B, Edgefield Co., and steel overhead bridge on Route 50, Federal Aid Project 266-B, Kershaw Co., State Highway Engineer, Columbia, engr.

Florida—Jan. 26, by State Road Dept., Tallahassee, **(P. means Project and R. means Road)**, plain concrete and asphaltic on Florida lime rock paving 8.93 mi. P. 693, R. 4, St. Lucie Co., and 8.48 mi. P. 694, R. 4, Martin Co.; constructing and surfacing on 8 in. Florida lime rock paving 15.39 mi. Federal Aid Project 48, R. 4, St. Johns Co., and 9.67 mi. P. 641, R. 4, Palm Beach Co.; clearing, grubbing and grading 17.43 mi. P. 685, R. 10, Franklin Co., and 10.5 mi. P. 695, R. 2, Lake Co., also 1.3 mi. hydraulic fill, for latter project. J. L. Cresap, highway engr.

Alabama—See "Bridges."

Alabama—Jan. 12, by State Hy. Dept., Montgomery, **(F. A. P. means Federal Aid Project and S. A. P. means State Aid Project)**, clearing, grubbing, grading, Bermuda sodding, gravel surfacing, bridges, etc., 1.665 mi. in town of Marion, F. A. P. 175-A, Perry Co., 8.135 mi. Rockford Rd., F. A. P. 183, Coosa Co., 16.5 mi. Centerville-Wilton Rd., F. A. P. 176, Bibb Co., 4.61 mi. Tuscaloosa-Birmingham Rd., F. A. P. 180, Bibb and Tuscaloosa Counties, 8.21 mi. Tuscaloosa-Birmingham Rd., F. A. P. 185 and 29, Tuscaloosa Co., 16.3 mi. Marion-Bibb Co. line Rd., F. A. P. 175-B, Perry Co., 9.77 mi. Vernon-Sulligent Rd., F. A. P. 174, Lamar Co., 1.51 mi. Troy-Crenshaw Co. line Rd., F. A. P. 182, Pike Co., and 3.481 mi. Valley Head-Mentone Rd., F. A. P. 181-A, De Kalb Co. W. A. McCalla, highway engr.

Alabama—Jan. 14, by State Hy. Dept., Montgomery, **(F. A. P. means Federal Aid Project and S. A. P. means State Aid Project)**, grading, curbing, guttering and paving 45,018 sq.yd. streets in town of Russellville, S. A. P. 159, Franklin Co.; constructing 5 mi. Butler Rd., F. A. P. 186, Choctaw Co., 38 acres clearing and grubbing, 100,000 cu.yd. excav., 18,000 sq.yd. Bermuda sod, 19,000 cu.yd. sand clay surfacing, 61,000 lb. reinforcing, etc.; and gravel surfacing 55,000 sq.yd. Seale-Girard Rd., F. A. P. 178, Russell Co., incl. widening concrete bridge across Cochgalechee River. W. A. McCalla, highway engr.

Alabama—Jan. 27, by State Hy. Dept., Montgomery, improving 10.076 mi. Banks-Bullock Co. line Rd., State Aid Project 34, Pike Co., 75 acres clearing and grubbing, 35,000 cu.yd. excav., 191,954 cu.yd. concrete in culverts, 18,343 lb. reinforcing, 16,000 sq. yd. Bermuda sod, 35,104 ft. machine grading, 28,000 cu.yd. sand clay surfacing, etc. W. A. McCalla, highway engr.

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Streets and Roads (Continued)

Louisiana—Jan. 18, by State Hy. Comn., Baton Rouge, curbing, guttering and concrete paving 1.484 mi. Natchitoches-Shreveport Highway, State Project 338-C, Natchitoches Parish. W. B. Robert, Reymond Bldg., Baton Rouge, highway engr.

Louisiana—Jan. 20, by State Hy. Comn., Baton Rouge, graveling 9 mi. Bienville-Jonesboro Highway, State Project 477-B, Bienville Parish. W. B. Robert, Reymond Bldg., Baton Rouge, engr.

Louisiana—Jan. 25, by State Hy. Comn., Baton Rouge, graveling 6.14 mi. Sun-Boalusa-Mississippi State Line Highway, State Project 412-A-1, and 8.08 mi. same highway, State Project 412-C-1, also 7.07 mi. Franklinton-Covington Highway, State Project 509-A-1, all Washington Parish. W. B. Robert, Reymond Bldg., Baton Rouge, highway engr.

Louisiana—Jan. 28, by State Hy. Comn., Baton Rouge, graveling 7.424 mi. Jena-Nebo-Rogers Highway, State Project 556-A, La Salle Parish. W. B. Robert, Reymond Bldg., Baton Rouge, highway engr.

La., Alexandria—Jan. 15, by City Clerk, grading, curbing and brick on concrete paving De Soto St. from 4th to 10th Sts.; and reint.-con. paving Fisk St. from 6th to 10th Sts. I. W. Sylvester, City Hall, engr.

Illinois—Jan. 17, by Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, concrete, vitr. brick or bituminous concrete with or without binder course paving 0.94 mi. Route 2, Sect. 49, De Witt Co., 4.55 mi. Route 59, Sect. 105, Lake Co., 6.12 mi. Route 83, Sect. 124, Mercer Co., 8.2 mi. Route 89, Sect. 101, Lee Co., 10.14 mi. Route 95, Sect. 119, McDonough Co., 4.03 mi. Route 96, Sect. 127, Adams Co., 5.75 mi. Sect. 101, 0.55 mi. Sect. 101-D, 6.03 mi. Sect. 102, 0.53 mi. Sect. 102-D, 5.98 mi. Sect. 103, and 0.61 mi. Sect. 103-D, all Route 115, Kankakee Co., 6.04 mi. Route 115, Sect. 104, Kankakee and Ford Counties, 6.72 mi. Sect. 105, and 7.08 mi. Sect. 106, Route 115, Ford Co., 6.13 mi. Route 116, Sect. 104, Woodford Co., 8.32 mi. Route 116, Sect. 112, Livingston Co., 6.86 mi. Route 121, Sect. 105, Tazewell Co., 4.77 mi. Route 127, Sect. 113, Clinton Co., 1.53 mi. Route 135, Sect. 101, and 0.74 mi. Route 136, Sect. 104, both Crawford Co., 1 mi. Route 49, Sect. 108, Jasper Co., 2.75 mi. Route 137, Sect. 101, Lawrence Co., 2.05 mi. Route 140, Sect. 108, White Co., 3.23 mi. Route 150, Sect. 117, 0.8 mi. Route 151, Sect. 110, and 4.62 mi. Route 151, Sect. 111, all Randolph Co., 2.64 mi. Route 157, Sect. 119, St. Clair Co., 7.5 mi. Sect. 101, and 5.48 mi. Sect. 102, both Route 162, Bureau Co., and 6.22 mi. Route 168, Sect. 114, Fulton Co.; grading 9.8 mi. Route 74, Sect. 101-A, Stephenson Co., 4.77 mi. Route 96, Sect. 126-A, Adams Co., 4.67 mi. Route 116, Sect. 102-A, Tazewell Co., 2.77 mi. Route 116, Sect. 103-A, Tazewell and Woodford Counties, 3.83 mi. Route 150, Sect. 118-A, and 2.81 mi. Route 151, Sect. 110-A, both Randolph Co., 2.84 mi. Route 168, Sect. 115-A, Fulton Co., and 0.91 mi. Route 175, Sect. 104-A, Peoria Co. F. T. Sheets, ch. highway engr.

Ill., Galesburg—Jan. 11, by Bd. Local Imprts., grading, curbing, guttering and vertical fibre brick on concrete paving 6,180 sq.yd. South Henderson St.; and 1,400 ft. 10 and 12 in. vitr. clay sewers, manholes, catch basins, etc., in West 1st St. A. L. Richey, City Hall, engr.

Tex., Lubbock—Jan. 10, by P. L. Parrish, judge Lubbock Co., paving, etc., 63,000 sq.yd. various streets. M. R. Smith, Jr., city engr.

Okla., Oklahoma City—Jan. 11, by M. Peshek, city clk., grading and concrete widening 6,840 sq.yd. West 4th St. $28,-207. B. Hart, City Hall, engr.

Okla., Woodward — Jan. 14, by S. J. Dohrer, city clk., paving 70,000 sq.yd. various streets. $230,000. Former bids rejected. Black & Veatch, Mutual Bldg., Kansas City, Mo., engrs. Dec. 30.

Nevada — Jan. 12, by State Hy. Dept., Carson City, grading, graveling, etc., Proposal 1, 42,000 cu.yd. road point 1.5 mi. east of Fernley to point 6.66 mi. northeast of Leete Sale Works, and Proposal 2, 36,-400 cu.yd. road point 6.66 mi. northeast of Leete Sale Works to Fanning; or Proposal 3 (combination Proposals 1 and 2), 78,400 cu.yd. road point 1.5 mi. east of Fernley to Fanning. G. W. Borden, ch. engr.

Bids Received

New York—A. W. Brandt, comr. Dept. Pub. Wks., Albany, Dec. 28, **(e. e. means engineers estimate)**, improving and reconstructing 2.12 mi. Repair Contr. 1552, Highway 5071, Lackawanna City-South Rd., Highway 5019, Lake Shore-Lackawanna City Highway, Highway 5407, Athol Springs-Walden Cliffs Rd., Erie Co., and 0.31 mi. Repair Contr. 3156, Highway 1247, Moscow-Geneseo Rd., Livingston Co., from M. J. McMahon, Du Bois, Pa., $71,721 and $128,137 respectively, e. e. $97,744 and $144,570 respectively; 3.1 mi. Repair Contr. 3161, Highway 5275, Pulaski-Sandy Creek, Oswego Co., and 7.16 mi. Repair Contr. 3160, Highway 305, Kingston-Ellenville Rd., Part 2, Ulster Co., from Dale Eng. Co., 404 Court St., Utica, $127,294 and $361,886 respectively, e. e. $161,313 and $475,212 respectively; 7.56 mi. Highway 1643-B, Greenwood Lake-Tuxedo Rd., 4.39 mi. Highway 8271, Greenwood Lake-Lakeside Rd., and Highway 1643-A, Greenwood Lake-Tuxedo Rd., both Orange Co., from Ferber-Gill Co., Inc., 16 Johnson Ave., Hackensack, N. J., $182,782 and $278,685 respectively, e. e. $236,074 and $325,241 respectively; 4.99 mi. Highway 1739, Canada Lake-Arietta-Pisceo Rd., Part 1, Fulton Co., from C. D. Murray, 701 Westcott St., Syracuse, $307,892 e. e. $377,319; 1.38 mi. Repair Contr. 1553, Highway 436, Jericho-Turnpike-Plainview Rd., Nassau Co., from R. W. S. Corp., 183 New York Ave., Huntington, $140,192 e. e. $184,055; 1.2 mi. Repair Contr. 1556, Gowanda-Angola (Brant Hill) Rd., Gowanda-Irving (Sand Hill) Rd., Erie Co., from M. Heltz, Lackawanna, $27,013 e. e. $37,495; 4.27 mi. Highway 8272, Edwardville-Morristown Rd., St. Lawrence Co., from Valerio Constr. Co., New Milford, Conn., $184,181 e. e. $224,672; 3.62 mi. Repair Contr. 3159, Highway 202, Boston and Albany Turnpike, Highway 536, Schodack Center-Nassau *Rd., Rensselaer Co., from Riteway Constr. Corp., 299 Bway, New York City, $248,011 e. e. $319,703; 4.57 mi. Highway 8170-A, Putnam-Essex Co. Line Rd., Washington Co., from Sweeney & Boland, 39 State St., Rochester, $137,180 e. e. $163,248; also reconstructing sheet piling Repair Contr. 15554, Highway 141, Kingston-Ellenville Rd., Part 3, Ulster Co., from Hackett Constr. Co., Inc., New York City, $14,060. Noted Dec. 9.

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, Dec. 29, from B. Turecamo Contg. Co., 8706 16th Ave., sheet asphalt paving West 6th St. $13,114, from D. J. McCoy Asphalt Corp., East 53rd St. and Avenue U, 58th St. $10,650, and 68th St. $8,397; from W. J. McHale Contg. Co., 1250 Jefferson Ave., grading, etc., Cortelyou Rd. $1,867, East 12th St. $3,113, East 26th St. $3,326, and East 39th St. $3,056. Noted Dec. 23.

New Jersey—State Hy. Comn., Trenton, Dec. 27, grading and rein.-con. paving Route 14, Sects. 11A, 12A, 13A, 16 and 17, Middletown Bridge to Estellville, Atlantic and Cape May Counties, from E. Riley Mixner, Goshen, $325,868; also constructing approaches to Shark River Station Grade Crossing Elimination, on Route 7, Monmouth Co., from Culp Constr. Co., East McFarlan St., Dover, $50,295. Noted Dec. 16.

Indiana—J. D. Williams, dir. State Hy. Comn., Indianapolis, Dec. 21, **(F. A. means Federal Aid, e. e. means engineers estimate, and S. R. means State Road)**, concrete paving 14.925 mi. S. R. 62, F. A. 102, Sects. A and B, Posey and Vanderburgh Counties, from Globe Constr. Co., 6 West Side Bank Bldg., Evansville, $344,958 e. e. $359,121, 10.574 mi. S. R. 30, F. A. 77, Sects. A and B, Porter and La Porte Counties, from Indiana Road Paving Co., Rochester $215,-960, 10.563 mi. S. R. 36, F. A. 86, Sect. A, Hendricks Co., from W. D. Vogel, 702 West Morris St., Indianapolis, $186,453 e. e. $215,-465; 3.911 mi. S. R. 41, S-501, Sect. D, from Cast Stone Constr. Co., 318½ South Barstow St., Eau Claire, Wis. $83,333, and 1.305 mi. S. R. 20 and 12, F. A. 91, from Ahlborn & Lavene Constr. Co., Hammond $28,136 e. e. $29,209, both Lake Co., 4.792 mi. S. R. 67, S-502, Sect. A, Morgan, Marion, and Hendricks Counties, from E. V. Bergen, Franklin, $111,372 e. e. $120,952, and 13.176 mi. S. R. 52, S-505, Sects. A and B, Hancock and Shelby Counties, from J. M. Robertson, 903 Citizens Trust Bldg., Terra Haute, $231,789 e. e. $248,606; grading, etc. 0.322 mi. S. R. 31, F. A. 70 B-1, Miami Co., from Seaman Constr. Co., Goshen $13,757, and 7.831 mi. S. R. 30, F. A. 77, Sect. C, Laporte and Storke Counties, from Harshman & Jarrell, Frankfort, $48,904. Noted Dec. 9.

Oklahoma — State Hy. Dept., Oklahoma City, **(F. A. P. means Federal Aid Project, S. A. P. means State Aid Project, and e. e. means engineers estimate)**, from Albert Pike Constr. Co., Enid, grading, etc., 6.5 mi. S. A. P. 339-A and B, Alfalfa Co., $32,607 e. e. $36,000, from B. J. and L. Paving Co., Enid, 13.919 mi. F. A. P. 223-A, B, C, D and E, Grant Co, $41,454 e. e. $50,000, from Osage Constr. Co., Fairfax, 6.15 mi. F. A. P. 199-A and B, Logan Co., $35,556 e. e. $40,000, from Blackburn & Rimbey, Healdton, 15.155 mi. F. A. P. 199-G and H, Payne Co., $116,990 e. e. $132,000, 6.746 mi. F. A. P. 199-C and D, Logan Co., $29,-559 e. e. $30,000, from Hamilton Constr. Co., Baitesville, 16.83 mi. F. A. P. 153-D, E, I, J and K, Osage Co., $95,748 e. e. $100,000, from Altman Rogers Co., Mc-Alester, 5.648 mi. F. A. P. 229-A and B, Payne Co., $37,274 e. e. $45,000, 5.93 F. A. P. 151-A, $32,623 e. e. $35,000, and 5 mi. F. A. P. 151-B, $25,847 e. e. $30,000, both Sequoyah Co., from M. E. Gilloiz, Monett, Mo., 5 mi. F. A. P. 198-B, $19,244 e. e. $25,000, 5 mi. F. A. P. 198-C, $31,203 e. e. $36,000, and 5.71 mi. F. A. P. 198-G, $36,-283 e. e. $40,000, all Payne Co., from Lovel & Hamel, Muskogee, 5 mi. F. A. P. 198-D, Payne Co., $41,357 e. e. $45,000, from Goulby & Epperson, Pryor, 5.12 mi. F. A. P. 199-C, Payne Co., $32,123 e. e. $37,000, from J. S. Terry, Poteau, 5.31 mi. F. A. P. 151-E, Sequoyah Co., $37,630 e. e. $40,000, and from Stephens County Constr. Co., Marlow, 17.289 mi. F. A. P. 187-D, E, F, G and H, Stephens Co., $74,919 e. e. $91,219, all above 30 ft. Noted Dec. 16.

Tex., Amarillo—Brick paving 63,000 sq. yd. various streets, from Texas Road Co., Santa Fe Bldg., Dallas, $237,509. Engrs. est. $250,000.

Calif., Los Angeles—From G. Gardner, Los Angeles, improving Devonshire-Brand Blvd. to Zeljah, 334,996 sq.ft. 6 in. concrete at $0.18 per sq.ft. 1,237 sq.ft. 5 in. asphaltic concrete paving $0.30, 334,996 sq.ft. 6 in concrete base $0.18, etc., total $83,523.

Calif., San Francisco—From Fay Improv. Co., Phelan Bldg., paving Pier 50, 34,500 sq.ft. 1½ in. Topeka with 2½ in. bituminous binder at $0.13 per sq.ft., and 246,000 sq. ft. 2 in. Topeka $0.0693, etc., total $21,532.

Contracts Awarded

Massachusetts—Dept. Pub. Wks., Boston, bituminous macadam paving 3.207 ft. highway in Bellingham and Raynham, to E. L. Gobeille, Inc., 1114 Main St., Worcester $28,541, 4,200 ft. in Winchester, and 1,355 ft. in Beverly, to O. Menoci, Peabody, $14,-303 and $10,170 respectively; rein.-con. and bituminous macadam paving 15,110 ft. in Taunton, to Greany & Sherry, Fall River, $156,000; bituminous concrete paving 20,-932 ft. in. Chatham, to R. H. Newell, Uxbridge $98,240, and 10,077 ft. in Falmouth, to Lane Constr. Co., 37 Colony St., Meriden, Conn. $89,463. Grand total $396,-717. Noted Dec. 9.

Mass., Boston—Dept. Pub. Wks., bituminous macadam paving Stillman Rd., etc., Roslindale, to M. DeMato, 14 Rowe Pl., West Roxbury. Engrs. est. $25,000. Noted Dec. 9.

N. Y., Brooklyn—Park Bd., at office Dept. Parks, F. Gallatin, pres., Arsenal Bldg., Central Park, 5th Ave. and 64th St., New York City, improving 2nd Ocean Parkway Terminus, Coney Island, here, to Pizzo & Foley, 649 Lorimer St., $29,858. Noted Dec. 23.

Georgia—State Hy. Dept., East Point, grading, etc. 2.963 mi. Appling-Lincolnton Rd., State Aid Project 450-A, Columbia Co., to M. R. Woodall Co., Walton Bldg., Atlanta, $14,287, and paving 8.439 mi. Camilla-Thomasville Rd., Federal Aid Project 99-B-12, and 440-B, Thomas Co., to Davis Constr. Co., Walton Bldg., Atlanta $195,869. Noted Dec. 16.

Fla., Bartow—Comrs. Polk Co., clearing, grubbing and 2 in. asphalt on 7 in. Bartow clay paving 171,600 sq.yd. road, to Barnett & Embry, Bartow, $432,270.

Miss., Collins — Covington Co., grading and gravel surfacing 5.2 mi. Collins-Laurel Rd., to Boddie Constr. Co., Laurel; grading, bridging and gravel surfacing 7.5 mi. Collinsville-Prentis Highway, to Magee & McRainey, Collins.

Miss., Columbus—Grading, curbing and sheet asphalt on concrete paving various streets, to Morgan-Hill Paving Co., Woodward Bldg., Birmingham, Ala., $95,000.

Miss., Jackson — Trinidad natural lake asphalt on bituminous paving 20,000 sq.yd. portions street car area on West Capitol St., etc., to Owen & Gaddis, Jackson.

La., Covington — St. Tammany Parish, graveling in Sub-Road Dist. 1, Sect. A, on Abita Springs-Florenville Highway; 1.47 mi. Abita Springs-Mandeville Rd.; 3.8 mi. Lowe Davis earth road; Road Dist. 4, Sect. B, 14 mi. Abita Springs-Florenville Highway; and Sect. B, 7.03 mi. Abita Springs-Mandeville Rd., to Picard Constr. Co., Hicks Bldg., New Orleans, approximately $165,-000. Noted Apr. 29.

La., Minden — Webster Parish, grading and graveling 16,526 cu.yd. Sects. A and B, Benton-Saynesville Highway, to Drew & Drew, Minden, $60,655.

La., Monroe—Grading, curbing, guttering and sheet asphalt on concrete paving Gordon St. from Prune to Thomas Sts., to J. J. Hamiter, Monroe, and Shreveport. $68,243.

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Streets and Roads (Continued)

Ind., Huntington—Paving South Briant St., to Mid-West Asphalt Paving Co., Wabash, $28,000.

Ind., Lebanon—Comrs. Boone Co., rock asphalt paving Thompson Rd., to Kornodle & Fulwider, Lebanon, $27,885. Engrs. est. $30,251. Noted Nov. 25.

Michigan—E. R. Benkert, resident engr., Port Huron, concrete paving 1.089 mi. T. L. 46-33, Tuscola Co., to Whitely & Schwadern, Sandusky, for State Hy. Dept., Lansing, $33,777.

Michigan—H. G. Oakes, resident engr., Cadillac, concrete paving 10.961 mi. F. A. 129-F, 20 ft., Benzie Co., to Rogers Constr. Co., Beulah, for State Hy. Dept., Lansing, $371,881. Noted Oct. 28.

Michigan—H. G. Oakes, resident engr., Cadillac, concrete paving 8.08 mi. F. A. 129, Sect. D, Grand Traverse Co., to L. I. Goldberg, Newaygo, for State Hy. Dept., Lansing, $228,672. Noted Sept. 9.

Ill., Chicago—Bd. Local Impvts., Room 207, City Hall, grading, curbing, guttering, 8 in. concrete paving, etc. portion North Avers Ave., to R. A. Anderson Co., 625 North Kedzie Ave., and portion North Narranganset St., to J. A. Sackley Co., 4608 Belmont Ave.; grading, curbing, guttering and asphalt on 6 in. concrete paving, etc. portions Herndon St., Farwell, North Kilbourn, North Natoma, and Potomac Aves., to Contracting & Material Co., 42 East Pearson St., and portion North Talman Ave., to Commonwealth Impvt. Co., 133 West Washington St.; grading, curbing, guttering and 6 in. concrete paving portion Montvale Ave., to Hedges Constr. Co., 64 West Randolph St.; grading, curbing, guttering and 2 in. asphaltic concrete on 6 in. concrete paving portions East 91st and West 106th Sts., to R. F. Conway Co., 844 Rush St.; grading, curbing, guttering, 10 in. concrete and 5 in. granite block on 2 in. sand and 6 in. concrete paving, etc. portion West 119th St., to Central Paving Co., 179 West Washington St. Noted Nov. 25.

Kan., Alma—Wabaunsee Co., grading, etc., 4.526 mi. Federal Aid Project 292-F and G, to Sommers Constr. Co., Newton, $38,583; and 2 bridges on same road, to McFarland Constr. Co., McFarland, $13,728. Noted Dec. 9.

Kan., Oberlin—Decatur Co., grading, etc. 7.109 mi. Federal Aid Project 144-A, B and C, to Felton Constr. Co., Hays, $29,662; and 7 bridges on same road, to A. R. Mackey, Greeley, Colo., $20,292. Noted Dec. 2.

Missouri—State Hy. Dept., Jefferson City, to M. D. Stebbins, Fredericktown, 30 ft. grading 11.5 mi. road from Mexico north, Audrain Co. $72,122, to Maxwell Constr. Co., Columbus, Kan., 11 mi. road from Carthage south, Jasper Co. $36,991, to Knutson Bros. Constr. Co., Chariton, Ia., 11.9 mi. road from Hamilton east, Caldwell Co. $60,708, to Fogleman & Davidson, De Sota, 6.7 mi. road from Chillicothe west, Livingston Co. $58,896, to Gray Constr. Co., Marshall, 4 mi. road from Milo south, Vernon Co. $14,030, to J. M. Roark & Son, Anderson, 4.1 mi. same road $17,177, to Pittsburgh Des Moines Steel Co., Tuttle and Southwest 10th Sts., Des Moines, Ia., 0.255 mi. road from Chillicothe west, Livingston Co. $3,148, and to J. K. Clarsen & Sons, Malta Bend, 8 mi. road from Lamar north Barton Co. $26,440; to Pioneer Constr. Co., Kansas City, 18 ft. graveling 12 mi. road from Harrisonville south, Cass Co. $24,393, to Cottle, Campbell & Co., Troy, 4.9 mi. Perry-New London Rd., Ralls Co. $34,853, to Kiefner & Geile, Perryville, 14.9 mi. road from Caledonia north, Washington Co. $64,130 and to Meyer Constr. Co., Billings, 14.4 mi. Cass Co. Line—Butler Rd., Bates Co. $52,999; to Independent Contr. Co., Pittsburg, Kan., grading and 18 ft. concrete paving 11.6 mi. Columbia-Ashland Rd., Boone Co. $194,991, and to J. Kesl & Sons, Edwardsville, Ill., 5 mi. road from De Sota east, Jefferson Co. $119,670; to Excelsior Springs Constr. Co., Excelsior Springs, grading and 9 ft. concrete paving 2.8 mi. Missouri River-Platte City Rd., Platte Co. $18,629, and 4 mi. road from Chillicothe west, Livingston Co. $58,758, to Kochtitzy & Prosser, Cape Girardeau, 8.4 mi. road from Poplar Bluff south, Butler Co. $107,743, to E. D. Tyner Constr. Co., 14th and Elmwood Sts. Kansas City, 18.4 mi. Waverly-Marshall Rd., Saline Co. $125,814; and to Dobson & Robinson, Lincoln, Neb., grading and 9 ft. concrete paving 8.5 mi. Chillicothe-Trenton Rd., Livingston Co. $45,153, 4.8 mi. same road, Grundy Co. $51,225, and grading and 18 ft. concrete paving 5 mi. Washington-U. S. Route 66, Franklin Co. $117,019. Grand total $1,281,320. Noted Dec. 9.

Calif., San Diego—Common Council, to Griffith Co., 1308 Newton Ave., improving 1st and Redwood Sts., 133,842 sq.ft. 1½ in asphaltic concrete on 5 in. concrete surfacing at $0.215 per ft, 1,495 sq.ft. surfacing $0.08, 169 lin.ft. concrete curbing $0.63, 863 sq.ft. concrete sidewalk $0.22, etc., total $33,570. Noted Dec. 2.

Calif., San Marino — Grading, curbing, guttering and oil macadam paving, etc., Lorain Rd. between Alhambra Rd. and San Marino Ave., to A. O. Nelson, 136 North Huntington Dr., Pasadena, $25,485.

Calif., Tulare—Grading and 5 in. Willite paving, etc. South K St., to Valley Paving & Constr. Co., Visalia, $23,146.

B. C., Point Grey—Two in. warrenite on black base paving various streets, to Cotton Co. Ltd., False Creek Yards, Vancouver $11,251; and Columbia Bitulithic Ltd., 500 Beatty St., Vancouver $8,572; 6 in. concrete paving streets, to Harrison & Lamond, 602 Hastings St. W., Vancouver, $5,305. Grand total $25,128.

Buildings—Commercial

Proposed Work

N. H., Rochester — THEATRE and STORE—F. C. Leavitt, Main St., Sanford, Me., having preliminary plans prepared by P. Bradford, Springvale, Me., 1 and 2 story, brick and steel, 83 South Main St. here. To exceed $150,000.

Mass., Boston — CLUBHOUSE — Y. M. H. A., A. Hurwitz, Barristers Hall, plans brick club house. $150,000. Engineer and architect not selected.

Mass., Great Barrington—HOSPITAL—Fairview Hospital, G. L. Taylor, chn., having plans prepared by Crow, Lewis & Wick, 200 5th Ave., New York City, for hospital.

Unit Bids

Engineering News-Record invites its readers to send in lists of unit prices on all kinds of jobs. Your cooperation will aid us in giving the other fellow a broader selection of prices, while his cooperation will aid us in giving you a wide selection of costs. Send your lists to CONSTRUCTION NEWS EDITOR, Engineering News-Record, Tenth Ave. at 36th St., New York, N. Y.

Mass., Lawrence—APARTMENT—C. McCarthy, 108 Salem St., having preliminary plans prepared by J. H. Fengill, 316 Essex St., 4 story and basement, brick and stone, plain foundation, 212 Boxford St. $150,000.

Mass., Lawrence — HOSPITAL — Clover Hill Hospital, N. F. Cesare doctor, having preliminary plans prepared by J. H. Feugill, 316 Essex St., 3 story and basement, brick addition, plain foundation, Berkley St. $150,000.

Mass., Lawrence—STORE and APARTMENT—S. Squatrito, Orchard St., having preliminary plans prepared by H. Petzold, 712 Bay State Bldg., 3 story and basement, brick and stone, plain foundation. $150,000.

Mass., Lowell—OFFICE—Lowell Gas Light Co., 22 Shattuck St., having preliminary sketches made by Hutchins & French, 11 Beacon St., Boston, brick and steel, Merrimac St. $200,000.

Mass., Melrose (Ind. br. Boston) — STORE and APARTMENT — W. J. L. Roop, 294 Washington St., Boston, having plans prepared 4 story and basement, brick, plain foundation, West Emerson and Essex Sts. $200,000. Private plans.

Mass., Milford—THEATRE—D. Stoneman, 31 Milk St., Boston, plans 1 and 2 story, brick and steel theatre. $175,000. Engineer and architect not selected.

Mass., Springfield — THEATRE — Poli Realty Co., 26 Church St., New Haven, having sketches made by T. Lamb, 644 8th Ave., New York City, theatre, Bway. and Pynchon St., here.

Mass., Taunton—HOTEL—J. T. Wilbur & H. Mell, 69 Main St., plan altering and constructing brick addition. $150,000. Engineer and architect not selected.

Mass., Watertown—STORE and OFFICE—Walek & Yarros, 27 School St., Boston, plans store and office building, 58 Mt. Auburn St. $150,000. Private plans.

R. I., Providence—HOME—City, J. H. Gainer, mayor, City Hall, plans home for crippled children. To exceed $150,000. T. J. H. Pierce, city engr.

Conn., Danbury—APARTMENT—Kennebec Realty Co., West 1st St., New York City, having preliminary plans prepared by Sunderland & Watson, 248 Main St., brick and steel, Main St. $325,000.

Conn., New Haven—OFFICE—N. Rubin, 376 State St., plans 12 story, brick and steel, Church St. $300,000. Engineer and architect not selected.

Conn., Stonington — TOWN HALL — Town, Building Dept., having preliminary plans prepared by Norton & Townsend, 405 Temple St., New Haven, town hall, incl. auditorium, 1,000 seating capacity. $150,000 or more.

N. Y., Brooklyn—COMMUNITY CENTER—Jewish Center of Bensonhurst, H. Neaderman, pres., 3001 Stillwell Ave., soon takes bids 4 story, brick, steel and stone, plain foundation, Ocean Parkway. $350,000. Block & Hesse, 18 East 41st St., New York City, archts. Noted June 10.

N. Y., Brooklyn — WAREHOUSE — J. Kurtz & Son, 953 Flatbush Ave., soon takes bids 3 story, 50 x 100 ft., rein.-con., brick and steel, plain foundation, Snyder Ave. near Flatbush Ave. $150,000. L. Allmendinger, 852 Monroe St., archt.

N. Y., East Chester (mail Greycourt)—APARTMENT—Scarsdale Corp., R. Navas, secy., 500 5th Ave., New York City, having plans prepared by E. D. Litchfield, 578 5th Ave., New York City, 6 story, 200 x 200 ft., brick and stone, plain foundation, Belamy Rd. $500,000.

N. Y., Flushing — APARTMENT — M. Smith, c/o Cohn Bros., archts., 36 Stone Ave., Brooklyn, having plans prepared 6 story, 90 x 100 ft., brick, steel and stone, plain foundation, Park Lane South and 86th St. $300,000.

N. Y., New York—APARTMENT—Morsen Realty Co., c/o C. Kreymborg & Son, archts., 2534 Marion Ave., having plans prepared 6 story, brick, steel and stone, plain foundation, 233rd St. and Kingsbridge Ave. $225,000.

N. Y., New York—APARTMENT—J. S. O'Leary, c/o J. P. Boyland, archt., 305 East Kingsbridge Rd., having plans prepared two 5 story, brick, steel and stone, plain foundations, Ganlain St. and Taylor Ave. $150,000 each.

N. Y., New York—APARTMENT—Walmont Realty Co., c/o C. S. Clark, archt., 443 East Tremont Ave., having plans prepared 6 story, brick, steel and stone, plain foundation, Townsend Ave. $250,000.

N. Y., New York — APARTMENT — I. Zwenig, c/o C. Kreymborg & Son, archts., 2534 Marion Ave., having plans prepared 6 story, brick, steel and stone, plain foundation, Woodycrest Ave. $300,000.

N. Y., New York — APARTMENT — E. Hourley, c/o G. A. Bagge & Son, archts., 157 East 44th St., having plans prepared 6 story, brick, steel and stone, plain foundation, Briggs Ave. $200,000.

N. Y., New York—APARTMENT—M. Rosnick, c/o C. Kreymborg & Son, archts., 2534 Marion Ave., having plans prepared brick, steel and stone, plain foundation, Kingsbridge Ave. $250,000.

N. Y., New York—CLUBHOUSE—Block Hall, Inc., c/o W. Neil Smith, archt., 101 Park Ave., having preliminary plans prepared 7 story, brick, steel and stone, plain foundation, South William St. $350,000.

N. Y., New York—GARAGE and LOFT—Finkmore Realty Corp., A. Finkelstein, c/o M. Deutsch, archt., 35 Maiden Lane, having plans prepared 6 story, 100 x 260 ft., rein.-con., brick and steel, plain foundation, 211 West 61st St. $650,000.

N. Y., New York—LOFT and STORE—Three Hundred Fifteen-Three Hundred Twenty-One West 39th Street Corp., c/o H. I. Oser, archt., 1440 Bway., New York City, soon takes bids 14 story, brick, steel and stone, plain foundation, 315 West 39th St. $600,000.

N. Y., New York — THEATRE and OFFICE — Lee and J. J. Shubert, 223 West 44th St., soon takes bids brick, steel and stone, plain foundation, 246 West 47th St. $200,000. H. J. Krapp, 1 West 47th St., archt.

N. Y., New York — THEATRE — B. S. Moss Theatrical Enterprises, 1560 Bway., plans brick, steel and stone, plain foundation, 207th St. and Bway. $500,000. Engineer and architect not selected.

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Buildings—Commercial (Continued)

N. Y., Rochester—THEATRE and OFFICE — B. F. Keith Enterprises, 1564 Bway., New York City, having plans prepared by Graven & Meyear, 307 North Michigan Blvd., Chicago, Ill., brick, steel and stone, plain foundation, Clinton Ave. $2,000,000. Noted Oct. 29.

N. Y., Syracuse — THEATRE and OFFICE — Marcus Loew, 1540 Bway., New York City, soon takes bids 10 story, 150 x 210 ft., brick, steel and stone, plain foundation, Salina and Jefferson Sts. $2,000,000. T. W. Lamb, 644 8th Ave., New York City, archt. Noted Dec. 9.

N. J., Atlantic City—PASSENGER and FREIGHT STATIONS—Pennsylvania R.R. Co., Broad St. Sta., Phila., Pa., A. C. Shand, ch. engr., plans passenger station at Arkansas and Missouri Aves., and freight station at Mississippi and Missouri Ave., here. $4,000,000.

Pa., Germantown (Phila. P. O.)—Y. M. C. A., W. L. Grubler, chn. building com., 219 High St., Phila., having plans prepared by Thomas, Martin & Kirkpatrick, 220 South 16th St, 4 story building, Green St. $650,000.

Pa., Phila.—THEATRE and STORE—Ballinger Co., archts., 12th and Chestnut Sts., soon lets contract 1 story and basement, 105 x 137 ft., theatre, and 2 story and basement, 64 x 153 ft., store, both rein.-con., brick and steel, plain foundation, Ridge and Leverington Aves., for Felt Bros., Packard Bldg. Noted Dec. 30.

Pa., Pittsburgh — WAREHOUSE—Union Electric Co., 933 Liberty Ave., having plans prepared by Hunting, Davis & Dunnells, Century Bldg., 6 story and basement, 45 x 220 ft., rein.-con., brick and steel, Duquesne Way. $250,000.

Va., Richmond—THEATRE—Wilmer & Vincent Corp., 1451 Bway., New York City, plans new theatre, here. $1,000,000.

O., Brecksville — ADMINISTRATION, COTTAGES and SERVICE—City of Cleveland, W. R. Hopkins, mgr., having plans prepared by F. C. Warner, and W. R. McCornack, Bulkley Bldg., Cleveland, 1 and 2 story, brick, steel and concrete, near here. $250,000.

O., Canton—HOTEL—Cantonian Hotel, Inc., 1000 Harter Bank Bldg., having revised plans prepared by G. B. Post & Sons, engrs. and archts., 101 Park Ave., New York City, N. Y., 10 story and basement hotel, 3rd and Cleveland Aves. N. W. $600,000.

O., Cleveland — HOSPITAL — Rainbow Hospital for Crippled Children, M. B. Wilson, supt., 2233 East 55th St., having preliminary plans prepared by F. C. Warner & W. R. McCornack Bulkley Bldg., 2 story and basement, brick, steel and concrete, Richmond Rd. $500,000.

O., Cleveland — STORE and APARTMENT—A. Visconsi, 1659 Chesterland Ave., Lakewood, plans five 2 story and basement, 36 x 60 ft., brick and timber store and apartment buildings, here. $250,000. Private plans.

Mich., Detroit — JAIL — Bd. Supervs. Wayne Co. having plans prepared by A. H. Gould & Son, 602 Empire Bldg., 6 story and basement, rein.-con., brick and steel, plain foundation, Clinton and Beaubien Sts. $1,000,000. Noted Jan. 8, 1925.

Mich., Detroit — OFFICE — First Natl. Bank Bldg., Woodward and Cadillac Sq., having plans prepared by A. Kahn, 1000 Marquette Bldg., 16 story and basement, 60 x 120 ft., rein.-con., brick and steel addition, plain foundation, Cadillac Sq.

Ill., Chicago—GARAGE—Fox & Fox, archts., 38 South Dearborn St. soon lets contract 5 story and basement, 100 x 150 ft., rein.-con. and brick, 1017-27 North Clark St., for J. O. Stoll, 245 East Grand Ave. $250,000.

Ill., Chicago—APARTMENT—Dubin & Eisenberg, archts., 14 West Washington St., take bids about Jan. 15, 12 story and basement, 75 x 110 ft., rein.-con. and brick, Winthrop and Bryn Mawr Aves., for L. J. Berkson, 7 South Dearborn St. $800,000. Noted Nov. 11.

Ill., Chicago — CLUB — Press Club, 71 West Monroe St., having preliminary sketches made by W. W. Ahlschlager, 65 East Huron St., 23 story, with 15 story tower, 100 x 150 ft., Grand Ave. and Michigan Blvd. $5,000,000.

Ill., Chicago—CLUB—Medinah Athletic Club, 11 South La Salle St., T. J. Houston, pres., soon takes bids 35 story and tower, 100 x 175 ft., rein.-con., brick and steel, caisson foundation, incl. swimming pool, gymnasium, track, bowling alleys, billiard room, etc., Illinois St. and Michigan Blvd. $5,000,000. W. W. Ahlschlager, 65 East Huron St., archt. Noted Sept. 30.

Ill., Chicago—EXCHANGE and OFFICE—A. S. Alschuler, archt., 28 East Jackson Blvd., takes bids about Jan. 15, 17 story and basement, 100 x 180 ft., rein.-con., brick, steel and stone, Franklin and Washington Sts., for Chicago Mercantile Exch., 136 West Lake St., S. E. Davis, genl. mgr. $2,500,000. Noted Sept. 2.

Ill., Chicago—HOTEL—M. K. Wolf, c/o H. Dalsey, archt., 64 West Randolph St., having plans prepared 12 story and basement, 50 x 125 ft., rein.-con., brick and terra cotta, 11-13 West Division St. $500,000.

Ill., Chicago—HOTEL—A. S. Alschuler, archt., 28 East Jackson Blvd., takes bids about Jan. 15, 12 story and basement, 110 x 137 ft., rein.-con., brick and terra cotta, Madison and Des Plaines Sts., for Harvey & Dammarell, 628 West Madison St. $750,000. Noted Apr. 1.

Ill., Peoria—Y. W. C. A. soon takes bids 3 and 4 story and basement, brick, concrete and stone, Fayette and Jefferson Sts. $250,000. Hewitt & Emmerson, Peoria Life Bldg., archts. Noted Feb. 4.

Wis., Milwaukee—CLUB HOUSE, etc.—See "Unclassified."

Wis., Milwaukee—STORE and APARTMENT—Forum Investment Co., c/o Rosman & Wierdsma, archts., 490 Bway., having preliminary plans prepared 8 story and basement, 120 x 125 ft., brick, steel and concrete, plain foundation, West Side. $500,000.

Wis., Milwaukee—THEATRE and BUSINESS—Saxe Amusement Enterprises, 530 Grand Ave., having preliminary plans prepared by C. W. & G. L. Rapp, 190 North State St., Chicago, Ill., 100 x 200 ft., fireproof, Grand Ave. and 6th St.

Mo., St. Louis — CLUB HOUSE — New Club being organized, c/o Jackson Johnson, chn., 1500 Washington Ave., having preliminary plans prepared by Mauran, Russell & Crowell, Chemical Bldg., 5 or 6 story and basement, 200 x 216 ft., rein.-con., brick and stone, incl. gymnasium, swimming pool, tennis courts, etc., Kingshighway and Maryland Ave. $1,500,000.

Mo., St. Louis—OFFICE and LODGE—Knights of Pythias, c/o St. Louis Lodge Deputies Assn., takes bids about Feb. 28, 15 story and basement, 75 x 150 ft., rein.-con., brick, steel and stone, Grand and Delmar Blvds. $1,000,000. Trueblood & Graf, Chemical Bldg., archts. Noted Jan. 28.

Ark., Hope—THEATRE—J. P. Brundidge, soon lets contract 40 ft. high, 75 x 150 ft., concrete, brick and steel, 2nd St. $150,000. Witt, Seibert & Halsey, 807 Texarkana Natl. Bank Bldg., Texarkana, archts. Noted Dec. 23.

Ark., Lonoke—COURT HOUSE and JAIL—Lonoke Co. soon takes bids 3 story, 62 x 216 ft., rein.-con., brick and stone court house and jail. $270,000. H. R. Burke, 306 Home Insurance Bldg., Little Rock, archt. Noted Aug. 13, 1925.

Tex., Amarillo — HOTEL — A. Davidson soon lets general contract 15 story and basement, 90 x 140 ft., rein.-con., brick, tile and stone, plain foundation. $2,000,000. Private plans.

Tex., Edinburg — HOSPITAL — Voted $308,000 bonds, 4 story and part basement, rein.-con., brick, tile and stone, plain foundation. Address Mayor.

Tex., San Antonio—HOSPITAL—Physicians & Surgeons Hospital, c/o J. H. Cunningham, takes bids after June 1, 5 story and basement, 96 x 260 ft., rein.-con., stucco, and brick, plain foundation, Richmond and Camden Sts. $1,000,000. Phelps & DeWees, c/o Gunter Bldg., archts.

Tex., San Antonio—THEATRE and OFFICE—J. M. Nix & associates, c/o Lanier Hotel, purchased site and plans 20 story and basement, 120 x 168 ft., rein.-con., brick, stone and steel, plain foundation, Houston St. between St. Marys and Navarro Sts. $2,000,000. Private plans.

Tex., Waco—HOTEL—O. H. Cross, postponed indefinitely construction 12 story and basement, rein.-con. and brick, plain foundation, 5th and Franklin Sts. $700,000.

Tex., Waco — OFFICE — Milton W. Scott & Co., archts., 412½ Franklin Ave., takes bids about Jan. 1, 12 story, 100 x 165 ft., rein.-con., brick and stone, for A. Sanger Development Co. $700,000. Noted Aug. 19.

Tex., Waco—OFFICE—Waco Development Co., c/o A. Sanger, pres., takes bids after Jan. 20, 12 story and basement, 100 x 165 ft., rein.-con., brick and stone, Austin Ave. and 4th St. $700,000. M. W. Scott & Co., 412½ Franklin Ave., archts. Noted Nov. 11.

Okla., Oklahoma City — EXCHANGE — South Western Telephone Co., 414 Locust St., St. Louis, Mo., plans 9 story and basement, 100 x 140 ft., brick and steel addition, plain foundation, West 3rd St. and Bway., here. $1,000,000. Engineer and architect not announced.

Ore., Portland—STORE—S. H. Kress & Co., 114 5th Ave., New York City, N. Y., plans 4 story, 75 x 100 ft. dry goods store, 5th and Morrison Sts., here. $500,000. Engineer and architect not selected.

Ore., Portland — THEATRE — Portland Finance Corp., 5th and Salem Sts., soon takes bids 2 story, 120 x 180 ft. theatre, Bway., Salmon, Main and Park Sts. $2,000,000. De Young-Roald, Spalding Bldg., archts.

Calif., Fresno—LODGE—Fresno Lodge 186, Order of Odd Fellows, plans fireproof building. $250,000. Engineer and architect not selected.

Calif., Fresno—STORE and OFFICE—Pacific Southwest Trust & Savings Bank, Pacific Southwest Bldg., having plans prepared by Felchlin Co., Patterson Bldg., two 6 story and basement, fireproof, Mariposa and Bway. Sts. $500,000 or more.

Calif., Los Angeles—APARTMENT—S. C. Lee, archt., Petroleum Securities Bldg., made plans 6 story and basement, 60 x 120 ft., rein.-con., South Kenmore Ave. $250,000 or more. Owner's name withheld.

Calif., Los Angeles—APARTMENT—L. Selden, archt., Byrne Bldg., preparing plans 3 story and basement, brick, Franklin Ave. and Franklin Circle. $150,000. Owners name withheld.

Calif., Los Angeles—HOSPITAL—White Memorial Hospital, 304 North Boyle Ave., plans approximately 4 story, probably rein.-con., North Boyle Ave. $150,000 or more.

Calif., Los Angeles—OFFICE—Wheeler-Reid Publications, Inc., 1680 North Vine St., having preliminary plans prepared by H. K. Vaught, 2510 West 7th St., 13 story and basement, 100 x 110 ft., rein.-con., Paramount Tract, Vine St. and Sunset Blvd. To exceed $150,000.

Calif., Los Angeles—STORE and LOFT—Platt Music Co., 622 South Bway., plans approximately 12 story and basement, Class A, Bway. near 8th St. To exceed $150,000.

Calif., Oakland—MEMORIAL—Alameda Co. having plans prepared by H. H. Meyers, Kohl Bldg., 2 story and basement, concrete, Center St. $150,000.

Calif., Palo Verde—CLUB—Pacific Coast Yacht Club, c/o E. H. Cline, archt., Petroleum Securities Bldg., Los Angeles, having preliminary plans prepared probably rein.-con. club. $250,000.

Calif., San Diego — BANK and OFFICE—Union Bank & Trust Co. having plans prepared by W. T. Johnson, Electric Bldg., 13 story and basement, steel and rein.-con., 6th St. and Bway. $1,500,000.

Calif., San Francisco—APARTMENT—E. V. Lacey, Hearst Bldg., had plans prepared by Clausen & Amandes, Hearst Bldg., 10 story and basement, steel and rein.-con., Filbert St. near Van Ness Ave. $400,000.

Calif., San Francisco—CLUB—Embassy Club, c/o W. H. Weeks, archt., 369 Pine St., having plans prepared 18 story and basement, Bush St. near Kearny St. $1,000,000. Noted June 17.

Calif., Serena (mail Summerland) — CLUB—Montecito Beach Club, c/o Walker & Eisen, archts., Great Republic Bldg., Los Angeles, having plans prepared steel and concrete, here. $150,000 or more.

Calif., Stockton — BANK, STORE and OFFICE—Bank of Italy, Bank of Italy Bldg., San Francisco, having revised plans prepared by H. A. Minton, Bank of Italy Bldg., San Francisco, 1 story, Main and Hunter Sts. $175,000. Former bids rejected. Noted Dec. 9.

Sask., Regina — WAR MEMORIAL MUSEUM—Nobbs & Hyde, archts., 14 Phillips Sq., Montreal, Que., prepared plans war memorial museum, Albert St., here, for City. $750,000.

Que., Montreal — INSTITUTE — Y. M. H. A., L. Rubenstein, pres., 35 Craig St., having plans prepared by Ross & McDonald, 1 Belmont Pl., 4 story, rein.-con. and stone institute. Noted Oct. 7.

Mexico, Nueve Laredo — HOTEL — See "Unclassified."

Bids Desired

Mass., Boston—STORE and OFFICE—Elm Realty Co., Inc., c/o Miller & Levi, archts., 46 Cornhill, taking bids 3 story and basement, rein.-con. and steel, plain foundation, Dock Sq. and Elm St. $150,000.

Mass., Boston—STORE and OFFICE—Fabyan Estate, c/o A. N. Rantoul, archt., 83 Chestnut St., taking bids altering and constructing 4 story and basement, brick addition, plain foundation, Boylston and Fairchild Sts. $150,000.

Mass., Cambridge (Boston P. O.) — APARTMENT—See "Contracts Awarded."

Conn., Hartford—COURT HOUSE—Jan. 24, by Hartford Co., S. H. Graham, secy., 3 story, 180 x 242 ft., brick, stone and steel, Washington St. $1,500,000. Smith

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Buildings—Commercial (Continued)

& Bassette, 36 Pearl St., archts. P. P. Cret, 112 South 16th St., Phila., Pa., associated archt. Noted Dec. 23.

Conn., New Haven—APARTMENT—See "Contracts Awarded."

N. Y., New York—APARTMENT—See "Contracts Awarded."

N. Y., New York — HOSPITAL — See "Contracts Awarded."

Miss., Jackson—HOSPITAL—Jan. 18, by Mississippi Building Comn., R. L. Brown, secy., 1st group 8 buildings, averaging 2 story, 40 x 150 ft., rein.-con. and brick, on State Prison Farm, Rankin Co. Archts. total est. $2,500,000. N. W. Overstreet, Mississippi Fire Insurance Bldg., archt. Noted Nov. 25.

Ky., Louisville—STORE, OFFICE and BOILER ROOM—Jan. 12, by Graham, Anderson, Probst & White, archts., 80 East Jackson Blvd., Chicago, Ill., 17 story and basement, 161 x 212 ft., brick, steel, tile and terra cotta, 4th St. and Bway., here, for Heyburn Building Co.

O., Cleveland—STORE and OFFICE—P. F. Price, 12917 St. Clair Ave., taking bids 2 story and basement, brick, 38 x 89 ft., and 20 x 255 ft., brick, 10004-10535 Carnegie Ave. $225,000. Allen-Osborn Co., Rose Bldg., archt.

Ind., Hammond—APARTMENT—S. E. McEwen taking bids 3 story and basement, 70 x 100 ft., rein.-con., brick and steel, South Homan St. $150,000. L. C. Hess, Hammond, archt.

Mich., Battle Creek — SANITARIUM — Jan. 10, by M. J. Morehouse, archt., 343 South Dearborn St., Chicago, Ill., steel for 15-story, 120 x 225 ft. sanitarium addition, here, for Battle Creek Sanitarium. Archts. total est. $1,500,000. Noted Sept. 30.

Mich., Crystal Falls—BANK and STORE —Oppenhamer & Obel, archts., Bellin Bldg., Green Bay, Wis., and Spencer Bldg., Wausau, Wis., taking bids 2 story, 60 x 97 ft., rein.-con. and brick, plain foundation here for Iron Co. Natl. Bank, Crystal Falls. $100,000-$150,000.

Mo., Kansas City — APARTMENT HOTEL — See "Contracts Awarded."

Tex., Amarillo — BUSINESS — Amarillo Furniture Co., c/o S. H. Wright, pres., 409-11 Taylor St., taking bids 4 story part basement, 100 x 135 ft., rein.-con. and brick, plain foundation. $150,000. G. A. Carlander, 15 Massie Bldg., archt.

Tex., Amarillo — FURNITURE — G. A. Carlander, archt., 15 Massie Bldg., taking bids 4 story, 100 x 135 ft., rein.-con., 6th and Jefferson Sts. $150,000. Owner's name withheld.

Tex., Beaumont — OFFICE — See "Contracts Awarded."

Tex., Wichita Falls—CITY HALL and AUDITORIUM—Jan. 11, by City, 2 story and basement, 221 x 224 ft., rein.-con. and brick, plain foundation. $50,000. Voelcker & Dixon, 4 Kahn Bldg., archts. Noted Dec. 30.

Calif., Venice — APARTMENT — G. C. Harboldt, c/o E. J. Borgmeyer, archt., California Bldg., Los Angeles, taking bids 4 story and basement, brick and art stone, Paloma Ave. $150,000.

Calif., San Francisco—APARTMENT—See "Contracts Awarded."

Bids Received

N. Y., New York — HOSPITAL — Bd. Trustees, Bellevue & Allied Hospitals, J. J. McGrath, pres., 415 East 26th St., Dec. 28, general contract additions and alterations in Out-Patient Dept., Gouverneur Hospital, Front St. and Gouverneur Slip, from Blumar Constr. Co., 25 West 43rd St., $200,900; plumbing, from Moran Eng. Co., 50 East 42nd St., $28,500. Noted Dec. 23.

Ill., Chicago — JAIL and COURT HOUSE—Superintendent Pub. Serv., Room 519, County Bldg., general contract jail and court house, from Great Lakes Constr. Co., 306 South Wabash Ave., $4,474,171; steam fitting and equipment, from H. P. Reger Co., 5514 Lake Park Ave., $299,962; plumbing, from Katz & Lewis, 1851 West Roosevelt Ave., $443,800; refrigeration, from Wittenmeir Machine Co., 850 South Spalding Ave., $8,390; and electrical work, from L. H. Lamont & Co., 9 South Clinton St., $130,600. Noted Dec. 9.

Calif., Oakland—MEMORIAL—Alameda Co., 2 story and basement, concrete, artificial stone and terra cotta, Adams Park, from Schuler & McDonald, 1723 Webster St., $254,765. Noted Aug. 12.

Contracts Awarded

Mass., Boston—SALES and SERVICE GARAGE — Commercial Buildings Corp., R. A. Nordbloom, 79 Milk St., 4 story, 160,000 sq.ft. floor space, rein.-con., brick and steel, plain foundation, Commonwealth Ave. and Gardner St., to James Stewart & Son, 1 Federal St. Archts. est. $400,000. Noted Oct. 21.

Mass., Brookline (br. Boston)—STORE and OFFICE—City Development Co., 1171 Boylston St., altering and constructing 4 story and basement, brick addition, plain foundation, to Foundation & Constr. Co., 108 Massachusetts Ave., Boston. Archts. est. $150,000.

Mass., Cambridge (Boston P. O.) — APARTMENT—Agassiz Realty Co., Inc., c/o S. E. Moffie, archt., 51 Cornhill, Boston, will build 4 story and basement, 90 x 120 ft., brick and stone, plain foundation, Linnean St. $200,000. Work will be done by separate contracts.

Mass., Lynn—APARTMENT—D. Gulazian, 294 Washington St., 4 story, brick and steel, Union St., to M. Frasca, 91 Harbor St. Archts. est. $160,000.

Mass., Lynn—STORE and APARTMENT —Dickram Gulazian, 294 Washington St., 3 story and basement, brick and stone, plain foundation, Union St., to M. Frasco, 91 Harbor St. Archts. est. $150,000.

Mass., Westboro—STORE and APARTMENT—F. W. Forbes, 12 High St., 3 story and basement, brick and stone, plain foundation, Main St., to Lowell-Whipple Co., 44 Portland St., Worcester. Archts. est. $150,000.

Conn., Bridgeport — HOTEL — Stratfield Hotel, Main St., 4 story and basement, brick addition, plain foundation, to T. J. Pardy Constr. Co., 1481 Seaview Ave. Archts. est. to exceed $150,000. Noted Sept. 30.

Conn., Hartford — OFFICE — Hartford City Gas Co., 565 Main St., 4 story, 90 x 100 ft., brick, steel and stone, Pearl St., to S. C. Poriss & Co., 104 Vine St. Archts. est. $250,000. Noted Dec. 9.

Conn., New Britain—APARTMENT—A. E. LeWitt, 79 Mason Dr., 4 story, brick, steel and stone, Court St., to Loucks & Clarke, 6 Ernest St., Wallingford. Archts. est. $150,000. Noted Oct. 7.

Conn., New Haven — APARTMENT — Rubino & Danesi, 74 5th St., will build 6 story, 45 x 150 ft., brick and steel, plain foundation, Howe St., by day labor. $225,000. Private plans.

N. Y., New York—APARTMENT—Symel Realty Co., Inc., c/o S. J. Kessler, archt. and engr., 529 Courtlandt St., will build 6 story brick, steel and stone, plain foundation, University Ave. $350,000. Work will be done by separate contracts under architect's supervision. Noted Nov. 4.

N. Y., New York — APARTMENT — Rajoel Realty Corp., c/o DeRose & Cavaliere, archts., 370 East 149th St., will build 6 story, 110 x 120 ft., brick, steel and stone, plain foundation, Bronx Park East, $450,000. Work will be done by separate contracts under architects supervision.

N. Y., New York—FEDERATION and STORE—New York Federation of Jewish Philanthropic Societies, S. Strock, pres., 114 5th Ave., 16 story, brick, steel and stone, plain foundation, 67 West 47th St., to G. Richard Davis & Co., 12 East 41st St. Archts. est. $600,000.

N. Y., New York—HOSPITAL—Bronx Hospital Assn., S. Minskoff, chn. building com., will build 8 story, 135 x 225 ft., brick, steel and stone, plain foundation, 169th St. and Fulton Ave. $1,600,000. Work will be done by separate contracts under supervision L. A. Abramson, archt., 46 West 46th St. Jaros & Baum, 116 West 39th St., engrs. Noted Oct. 21.

N. Y., New York — HOSPITAL — State Hospital Comn., Albany, constructing New York State Psychiatric Institute, here, general contract, to Guidone & Bottino, Inc., 52 Vanderbilt Ave., $1,291,472; heating, to E. Rutzler, 40 East 49th St., $158,315; sanitary work, to P. F. Kenny Sons, Walton Ave. and 167th St., $139,898; electrical work, to W. H. Taverner Corp., 175 5th Ave., $68,700; and elevators, to Otis Elevator Co., 11th Ave. and 26th St., $71,700. Grand total $1,729,870. Noted Dec. 23.

N. Y., New York—THEATRE and OFFICE—Roxy Theatre Corp., S. L. Rothapfel, pres., 383 Madison Ave., 1 story, brick, steel and stone, plain foundation, Lexington Ave. and 58th St., to Chanin Constr. Co., 285 Madison Ave. Archts. est. $5,000,000. Noted Dec. 23.

N. J., Camden—HOSPITAL—Lackey & Hettle, archts., 5 Hudson Ave., 3 story and basement, 40 x 130 ft., brick and steel, plain foundation, to Bennett McLaughlin, 3434 Sansom St., Phila., Pa., for West Jersey Homeopathic Hospital, c/o J. Scott, 537 South 2nd St. Noted Dec. 16.

N. J., Camden—RESTAURANT—Camden Chamber of Commerce, Hotel Walt Whitman, 3 story and basement, 40 x 100 ft., brick and steel, plain foundation, 531-33 Market St., to J. W. Draper, 436 Haddon Ave. Noted Dec. 23.

N. J., Newark—CITY HALL—C. P. Gillen, dir. Dept. Parks & Pub. Safety, City Hall, general contract city hall annex, Broad St., to F. Briscoe Co., 810 Broad St., $757,630; heating, ventilating and plumbing, to Jaehnig & Peoples, 13th Ave., $82,800; electrical work, to Beaver Eng. Co., 59 Mechanic St., $42,900; and elevator, to Otis Elevator Co., 11 East Park, $32,900. Grand total $916,230. Noted Dec. 9.

Pa., Connellsville — HOSPITAL — H. C. Frank, archt., 2nd Natl. Bank Bldg., general contract 3 story and basement, irregular shaped, brick, stone and steel, to W. H. Smith & Son, Johnstown, for Connellsville State Hospital. $286,000. Noted Dec. 9.

Va., Richmond — HOSPITAL — Crippled Childrens Hospital, 2924 Brook Rd., stucco and terra cotta hospital 400 ft. long, to Jones & Conquest, 10th and Main Sts. Archts. est. $250,000. Noted Nov. 11.

O., Cleveland — WAREHOUSE — Cleveland Bonded Warehouse Co., c/o J. E. Latimer Co., Union Trust Bldg., 4 story, 120 x 220 ft., brick and rein.-con., 1200 Carnegie Ave., to S. W. Emerson Co., 1836 Euclid Ave. Archts. est. $175,000. Noted Sept. 2.

O., East Cleveland (Cleveland P. O.) — APARTMENTS—M. Goodman, 636 Engineers Bldg., Cleveland, 3 story, 63 x 132 ft., and 27 x 162 ft., brick and timber, 13301 1st Ave., here, to J. Dolinsky, 10812 Massie Ave., Cleveland. Archts. est. $225,000. Noted Dec. 16.

O., Lakewood (br. Cleveland)—STORE, AUTO SALES and SERVICE, etc. — M. Margolin, 1489 East 106th St., Cleveland, masonry contract 3 story and basement, 63 x 120 ft., brick and steel, Waterbury and Madison Aves., here, to I. Narosny, 476 East 112th St., Cleveland. Archts. est. $225,000. Noted Dec. 2.

Mich., Detroit — CLUB — League of Catholic Women, 89 Watson St., 6 story and basement, 111 x 132 ft., rein.-con., brick and steel, plain foundation, Parsons St., to Davis & McGonigle Co., 1210 Buhl Bldg. Noted Nov. 18.

Ill., Chicago—APARTMENT—Syndicate, general contract two unit 17 story and basement, 107 x 170 ft., and one 20 story and basement, all rein.-con., brick, steel and terra cotta, Aldine Ave. and Sheridan Rd., to Reliance Co., Inc., 11 South La Salle St., $2,000,000 and $3,250,000 respectively.

Ill., Chicago—APARTMENT HOTEL—H. W. Rubloff, 10 South La Salle St., general contract 7 story and basement, 75 x 130 ft., brick and terra cotta, Sherwin Ave. near Lake Michigan, to Fitzgerald Constr. Co., 105 West Monroe St. Archts. est. $750,000.

Ill., Chicago — HOSPITAL — Municipal Tuberculosis Sanitarium, 2049 West Washington Blvd., general contract 3 story and basement, 50 x 345 ft., brick, Bryn Mawr and Crawford Aves., to R. C. Weiboldt & Co., 1534 West Van Buren St. Archts. est. $600,000. Noted Sept. 9.

Ill., Chicago — OFFICE and STORE — Wells-Van Buren Building Corp., c/o D. S. Klafter, archt., 64 West Randolph St., general contract 16 story and basement, 86 x 100 ft., rein.-con., brick, steel and terra cotta, Wells and Van Buren Sts., to L. Balkin, 1852 West Austin Ave. Archts. est. $1,500,000. Noted Aug. 16.

Ill., Chicago—WAREHOUSE—J. Hodgkinson, 166 West Jackson Blvd., masonry contract 90 x 144 ft., brick warehouse, 100-108 West 57th Pl., to G. L. Arquette Co., 160 North La Salle St. Archts. est. $160,000.

Minn., Minneapolis — THEATRE and STORE—Minneapolis Theatre Corp., S. T. McKnight, pres., 1236 McKnight Bldg., general contract 7 and 5 story, 167 x 225 ft., brick, rein.-con. and terra cotta, La Salle Ave., and 9th St., to Lundoff-Bicknell Co., B. F. Keith Bldg., Cleveland, O. Archts. total est. approximately $2,000,000.

Mo., Kansas City — APARTMENT HOTEL — McCandles Building Co., Victor Bldg., will build 2 story and basement, 30 x 134 ft., rein.-con., brick and steel, 3029-35 Harrison St., by day labor. $150,000. Private plans.

Tex., Beaumont — OFFICE — Forrest & Associates, c/o Crosby Hotel, will build 12 story and basement, 60 x 118 ft., rein.-con and brick, plain foundation, by day labor. $600,000. Tisdale, Stone & Pinson, Ind. Bldg., Nashville, Tenn., archts.

Tex., Laredo—HOTEL—M. Little, c/o Hamilton Hotel, general contract 7 story 40 x 80 ft., concrete, brick and stone, to C. Schoenfeld, Laredo, approximately $175,000, cost plus percentage basis. Noted June 3.

Tex., Pampa—HOTEL—Schneider Hotel Co., c/o A. Schneider, Jr., 5 story and basement, 46 x 140 ft., rein.-con., brick

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Buildings—Commercial (Continued)

and stone, plain foundation, to Sharp Bros. Constr. Co., 604 Orear-Leslie Bldg., Kansas City, Mo., approximately $150,000.

Calif., Los Angeles—APARTMENT—H. Goland, 4157 South Hobart Blvd., 4 story and basement, 50 x 108 ft., brick, South Coronado Ave., to H. Feigenbaum, 201 South Canon Dr., approximately $155,000.

Calif., Los Angeles—APARTMENT—T. G. A. Ackerman, 5 story and basement, 100 x 198 ft., brick and steel, Heliotrope Dr., to Frankurt Co., 1096 North Western Ave., approximately $250,000.

Calif., Stockton—STORE—A. B. Cohn Co., Main and California Sts., 3 story, steel and brick addition, Main and American Sts., to Lewis & Green, Commercial & Savings Bank Bldg., approximately $600,000.

Calif., San Francisco—APARTMENT—E. Jose, 251 Kearny St., will build 5 story and basement, concrete, Vallejo and Franklin Sts., by day labor and sub-contracts. $150,000. H. C. Baumann, 251 Kearny St., archt.

Calif., Venice—CLUB—Las Olas Beach Club, 318 West 9th St., Los Angeles, 2 story, rein.-con. and frame, to Wilson Bros., 832 Euclid Ave., Santa Monica, $154,-500. Noted Nov. 11.

Mexico, Ensenada—CLUB—Club of Internacionale of Ensenada, 330 San Francisco Bldg., Los Angeles, Calif., clubhouse, here, to Mathis Constr. Co., 337 West Ave. 26, Los Angeles, Calif. Archts. est. approximately $750,000.

Ont., Windsor — HOSPITAL — R. B. Braid, secy. Essex Border Utilities Comn., Murray Bldg., 3 story and basement, rein.-con., brick and steel, plain foundation, to S. Dinsmore Co., 219 Park Bldg. Archts. est. $500,000. Noted Dec. 2 under "Walkerville."

Buildings—Industrial

Proposed Work

Mass., Boston—SERVICE and REPAIR GARAGE—E. Sorrentini, 82 Porter St., East Boston, having plans prepared by B. C. Gallo & Co., 42 Maverick Sq., East Boston, 1 story, 50 x 100 ft., rein.-con. and steel, plain foundation, 152-154 Paris St., here. $40,000.

Mass., Cambridge (Boston P. O.)—REPAIR and SERVICE GARAGE—R. H. O'Neil, 1384 Massachusetts Ave., plans 1 story, rein.-con., plain foundation, 47 Austin St. $50,000. Engineer and architect not selected.

Mass., Lynn — REPAIR, SALESROOM and SERVICE GARAGE—G. Mendelsohn, Grossman Bldg., having plans prepared by G. A. Cornet, 10 Central Ave., 1 story, 100 x 175 ft., brick and steel, plain foundation, Union St. To exceed $50,000.

Mass., Lowell—PLANT—Merrimack Co. plans adding 700,000 sq.ft. floor space to plant. To exceed $40,000. Private plans.

Mass., Newton (Ind. br. Boston)—SALES, SERVICE and REPAIR GARAGE—P. A. Murray & Co., 210 Washington St., having revised plans prepared 2 story, rein.-con. and brick, plain foundation, Washington St. $40,000. Former bids rejected. Private plans. Noted Dec. 16.

Mass., Wellesley — SERVICE and REPAIR GARAGE—J. E. Lee, 562 Washington St., having plans prepared by O'Connell & Shaw, 134 Newbury St., Boston, 1 story, rein.-con. and steel, plain foundation, Linden and Central Sts. $75,000.

Conn., Norwich—SUB-STATION—Connecticut Co., Greenville, having plans prepared by R. W. Foote, 185 Church St., New Haven, 1 story, 90 x 95 ft., brick and steel electric sub-station. To exceed $40,000.

N. Y., Brooklyn—ICE PLANT—Paerdergat Ice Corp., F. Venola, pres., 783 East 42nd St., having plans prepared by Burke & Olsen, 32 Court St., 1 story, 60 x 100 ft., ice plant addition. $60,000.

N. Y., Dansville — PLANT — Power Specialty Co., 111 Bway., New York City, plans plant addition, here. $150,000. Private plans.

N. Y., Long Island City—ICE PLANT—Rubel Coal & Ice Co., 197 Glenmore Ave., Brooklyn, having plans prepared by E. M. Adelsohn, 350 Stone Ave., Brooklyn, 1 story, 125 x 200 ft., rein.-con., brick and steel, plain foundation, here. $150,000.

N. Y., New York—YARD and SHOPS—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., plans rein.-con., brick and steel, plain foundation, 207th St., here. $2,000,000. Noted Oct. 7 under "Excavation, Drainage, Irrigation, Levees, River and Harbor."

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N. Y., New York—SERVICE and REPAIR GARAGE—Owner, c/o M. J. Harrison, archt., 63 Park Row, having plans prepared 4 story, 50 x 100 ft., rein.-con., brick and steel, plain foundation, 420 West 37th St., $100,000.

N. Y., New York—FACTORY and STORE—Andrea Holding Co., F. A. Andres, pres., 1581 Jerome Ave., having plans prepared 4 story, rein.-con., brick and steel, plain foundation, 138th St. and Mott Ave. $400,000. Ballinger Co., 100 East 42nd St., engrs. and archts.

N. J., Atlantic City—PASSENGER and FREIGHT STATIONS—See "Buildings—Commercial."

N. J., Bayonne—REFINERY—Standard Oil Co. of New Jersey, 26 Bway., New York City, having plans prepared 2 story, 66 x 150 ft., rein.-con., brick and steel, plain foundation, here. $75,000. Private plans.

Pa., Phila. — MANUFACTURING and SALES—Central Plumbing & Supply Co., 12th and Spring Garden Sts., plans manufacturing warehouse and sales building, Allegheny and 6th Sts. Engineer and architect not selected.

Va., Bristol—MILL—Holston River Lumber Co. plans rebuilding plant, recently destroyed by fire, near here. Loss $100,000.

Ala., Bluemountain—FACTORY—Amer. Net & Twine Co., Anniston, H. Williamson, mgr., plans factory addition, here. $200,000.

Tenn., Knoxville — CEMENT PLANT — Corporation, headed by J. R. Hanahan, 21 Meeting St., Charleston, S. C., plans cement plant, here. $1,750,000.

O., Akron—PLANT—Portage Tool Co., 414 South Bway., plans 1 story, 50 x 150 ft., brick and tile plant, Wingate Ave. $40,-000. Will not advertise for bids will purchase material and hire labor for above.

O., Cleveland — FACTORY — Cleveland Gasket & Mfg. Co., H. A. Lindsley, pres., 1610 West 116th St., had plans prepared by G. F. Hammond, engr. and archt., Zanesville, 3 story and basement, concrete and steel, 1602 West 116th St. $75,000.

Ind., Indianapolis—FOUNDRY—B & F Mfg. Co., 2007 Ludlow St., having plans prepared by Doeppers & Lennox, 226 East Michigan St., brick and steel foundry. $40,000.

Wis., Milwaukee—POWER HOUSE—See "Buildings—Educational, Religious."

Wis., Menomonie—POWER PLANT and LAUNDRY—Dunn Co., c/o Clerk, having plans prepared by A. D. Conover, Tinney Bldg., Madison, 2 story, 60 x 110 ft., rein.-con., brick and steel, plain foundation. $40,000.

Wis., Wisconsin Rapids—WAREHOUSE and GARAGE—Standard Oil Co., 2 Copeland Ave., La Crosse, having plans prepared by R. N. Allen, engr. and archt., 910 South Michigan Blvd., Chicago, Ill., 2 story and basement, rein.-con. and brick, plain foundation, here. $100,000.

Kan., Manhattan—HEATING PLANT—State plans new heating plant to serve Kansas State Agricultural College, on campus, here. $375,000.

Mo., Kansas City—FACTORY—Maurice Realty Co., c/o Buckley & Van Brunt, archts., Lloyd Bldg., having plans prepared 2 story and basement, rein.-con. and brick factory. $75,000.

Ark., Camden—PAPER MILL—Arkansas Paper & Pulp Co., subsidiary of International Paper Co., 100 East 42nd St., New York City, purchased 100 acre site and plans Arkansas Fibre and Paper Co. Building, 4 units mill, 200 tons daily output, on Ouachita River, here. $5,000,000.

Ark., Hot Springs — LUMBER MILL, POWER PLANT, etc.—Dierks Lumber & Coal Co., 700 Gates Bldg., Kansas City, Mo., having plans prepared lumber mill, machine shop, electric power plant in new lumber town being formed, near here. $1,-000,000. Private plans.

Ark., Prescott—ICE PLANT—Southern Ice & Utilities Co., Santa Fe Bldg., Dallas, Tex., plans new ice plant, here. $200,000. Private plans.

Tex., Corpus Christi—GARMENT FACTORY—G. Bacon, Bellville, having plans prepared complete plant manufacturing women's garments. $100,000 incl. machinery. Private plans.

Tex., Tidewater — GASOLINE CRACKING PLANT—J. Lefevre & associates, c/o Westinghouse Electric Int. Corp., M. Coster, vice-pres. and mgr., 150 Bway., New York City, having preliminary surveys made gasoline manufacturing plant, 84,000 g.p.d. capacity, and petroleum shipping point, here. $500,000.

Tex., Turkey — COMPRESS — Childress Compress Co., Childress, having preliminary plans prepared probably electrically operated compress, here. $75,000. Private plans.

Okla., Bromide — PLANT — Bromide Crushed Rock Co., Muskogee, plans rebuilding plant, recently destroyed by fire. $90,000.

Okla., Sand Springs—STEEL PLANT—A. G. Heggem had preliminary plans prepared new steel fabricating and plate rolling mill. $1,000,000. Private plans. This corrects report in Dec. 30 issue.

Okla., Tulsa—PLANT and OFFICE—Frick-Reid Supply Co., 16 South Main St., soon lets contract 2 story and part basement, 50 x 100 ft., rein.-con. and brick plant and office building. $55,000. A. M. Atkinson, Mid-Continent Bldg., archt.

Colo., Denver — FACTORY — Western Feldspar Co., 1350 West Maple Ave., J. W. Magnuson, pres., plans factory refining feldspar ore. $50,000.

Calif., Bakersfield — ICE and COLD STORAGE PLANT—Kern Co. Labor Council; plans ice and cold storage plant, probably rein.-con. here. $150,000 or more. Engineer and architect not selected.

Calif., Colusa—ICE PLANT—Union Ice Co., 354 Pine St., San Francisco, having plans prepared 1 story ice plant, frame stucco and concrete, here. $40,000. Eng. Dept. of Owners, engrs.

Calif., Richmond — FACTORY — Decora Mfg. Co., 448 Larkin St., San Francisco, plans frame and galvanized iron factory, $40,000 or more.

Calif., Richmond—PLANT—Ford Motor Car Co., Highland Park, Detroit, Mich., having plans prepared brick and concrete auto assemblying plant, incl. power plant, etc.; here. To exceed $1,000,000. Private plans. Noted Oct. 28.

Ont., Blind River—SAWMILL—Shelvin Clarke Co. Ltd. plans sawmill, 100,000,000 ft. lumber per year capacity. $2,000,000.

B. C., New Westminster—TANNERY—J. Leckie & Co., 220 Cambie St., Vancouver, plans rebuilding tannery, Fraser River, here, recently destroyed by fire. Engineer and architect not selected.

Bids Desired

Mass., Roxbury (Boston P. O.)—REPAIR and SERVICE GARAGE—S. Rudnick, 333 Washington St., Boston, taking bids 1 story, 85 x 180 ft., rein.-con., plain foundation, Clifford St., here. $75,000. Eisenberg & Feer, 46 Cornhill, Boston, archts.

Mass., Roxbury (Boston P. O.)—REPAIR and SERVICE GARAGE—See "Contracts Awarded."

Del., Wilmington—LAUNDRY—Jan. 7, by C. R. Hope, engr. and archt., du Pont Bldg., 3 story and basement, 65 x 90 ft., steel and rein.-con., plain foundation, 6th and Orange Sts., for Assn. Wilmington Laundries, 6th and Orange Sts.

Ky., Louisville — BOILER ROOM — See "Buildings—Commercial"

O., Cleveland — FACTORY — Gibson Homans Co., H. O. Gibson, secy.-treas., 2366 Woodhill Rd., taking bids 2 story and part basement, 50 x 56 ft., brick and steel addition, 2366 Woodhill Rd. $40,000. G. S. Rider Co., Century Bldg., engrs. and archts.

Ill., Chicago — FACTORY — See "Contracts Awarded."

Ia., Mason City—MACHINE SHOP and GARAGE—See "Contracts Awarded."

Mo., Kansas City—ICE PLANT—City Ice Co., 21st and Campbell Sts., taking bids 1 story, 76 x 112 ft., rein.-con. and steel, 15th and College Sts. R. M. Oliver, 115 South Dearborn St., Chicago, Ill., archt.

Tex., San Antonio—COTTON OIL MILL—San Antonio Oil Wks., 411 Cherry St., taking bids and open same about Jan. 12, 2 story, 42 x 130 ft., rein.-con. and brick, plain foundation, $40,000 incl. machinery. R. V. Straten, c/o Travis Bldg., archt. Owner's want contractors communicate direct.

Calif., Los Angeles—FACTORY—L. A. Whitcomb, engr., 6701 South Central Ave., taking bids 5 story brick and rein.-con. addition, Central Ave. and 67th St., for Goodyear Tire & Rubber Co. $150,000 or more. Noted Dec. 30.

Contracts Awarded

Mass., Everett (br. Boston) — DYE HOUSE—Cabot Cleansing Co., G. Bjorgian, 302 Main St., 1 story, brick and steel, plain foundation, Main St., to Frankini Bros., 30 Mystic Ave., Medford. Archts. est. $40,000. Noted Dec. 16.

R. I., Providence — WAREHOUSE, GARAGE and REPAIR SHOP—J. Marcus, 184 North Main St., 1 story, brick and steel, plain foundation, Otis St., to Kelman & Kelman, Broad St. Archts. est. $50,000.

Conn., Stonington — WEAVE SHED — Amer. Velvet Co., 1 story, 75 x 165 ft. timber addition, Bayview Ave., to Rowley Constr. Co., 260 Central Ave., Pawtucket, R. I. Archts. est. $75,000.

Buildings—Industrial (Continued)

N. Y., Brooklyn—FACTORY—Knox Hat Co., 601 Grand Ave., altering hat factory, to J. M. Sterling, 33 West 42nd St., New York City.

N. Y., New York—ICE PLANT—Empire State Ice Co., Grant Ave. and 161st St., ice manufacturing plant, 234th St. and Bailey Ave., to Niewenhous Co., Inc., 16 East 43rd St. Archts. est. $350,000.

N. Y., Rochester — POLE CASTING PLANT—Rochester Gas & Electric Corp., 89 East Ave., 60 x 120 ft. pole casting plant, to have wooden bins for sand and gravel storage and 2 ton crane for handling finished product, to Austin Co., 16112 Euclid Ave., Cleveland, O.

Pa., Crescentville (Phila. P. O.) — FACTORY — Crescent Electric Storage Battery Co., 1 story, 60 x 130 ft., rein.-con. and brick, to W. Steele & Sons Co., 219 North Broad St., Phila.

Pa., Phila.—FACTORY—E. A. Stopper, archt., 10 South 18th St., 5 story and basement, 30 x 100 ft., rein.-con. and brick, plain foundation, American and Buttonwood Sts., to C. Lofland, 231 North Water St., for R. L. Binder Metal Castings Co., 497 North 3rd St. Noted Nov. 25.

Pa., Phila.—LAUNDRY—Fairhill Laundry Co., Allegheny and 3rd Sts., 1 story and basement, 50 x 150 ft., rein.-con. and brick, plain foundation, here, to C. S. Bennett, 1633 South 59th St. Noted Dec. 2.

O., Akron—FACTORY—Firestone Tire & Rubber Co., C. A. Meyers, ch. engr., 6 story and basement, 60 x 180 ft., brick, steel and concrete addition to Plant 2, to Hunkin-Conkey Constr. Co., Hunkin-Conkey Bldg., Cleveland. Archts. est. $400,000. Noted Nov. 25.

O., Cleveland — FACTORY — Bryant Heater & Mfg. Co., E. P. Bailley, Jr., pres., 17825 St. Clair Ave., 1 story, 75 x 280 ft., brick and steel addition, to J. C. F. Shafer Co., Smythe Bldg. Archts. est. $150,000. Noted Dec. 16.

O., Cleveland — FACTORY — Ferro Enameling Co., H. D. Cushman, pres., 4150 East 56th St., 1 story, brick and steel addition, to E. A. Weiland Co., 2725 Pittsburgh Ave. Archts. est. approximately $40,000.

O., Cleveland — FACTORY — Gogan Machine & Supply Co., 1630 Collamer Ave., 1 story, 24 x 100 ft., brick and steel, 5442 Homer Ave., to J. L. Hunting Co., Guarantee Title Bldg. Archts. est. approximately $40,000. Private plans. Noted Dec. 30.

Tenn., Paris—MILL—Louisville & Nashville R.R. Co., Louisville, Ky., W. H. Courtenay, ch. engr., general contract 72 x 120 ft., fireproof mill, to Rommell Bros., 919 East Bway., Louisville, Ky. Archts. est. $75,000. Noted Feb. 18.

Ill., Chicago—FACTORY—Armour & Co., Union Stock Yards, will build 3 story, 56 x 122 ft., brick, 3128-50 Benson Ave., by day labor.

Ill., Peoria—REPAIR PLANT—Peoria Auto-Body Repair Co., 5th and Franklin Sts., 2 story and basement, 60 x 150 ft., rein.-con., 2nd and Munson Sts., to Tapping & Shrum Co., 309 South Jefferson St. Archts. est. $60,000.

Wis., Racine—LAUNDRY—Racine Wet Wash Laundry, 1441 Howe St., 1 story, 67 x 120 ft., brick and steel, plain foundation, Howe St., to B. W. Denham, 1518 Washington Ave. Archts. est. $40,000. Noted Dec. 30.

Ia., Mason City—MACHINE SHOP and GARAGE — Olaf Ulen Radiator Repair Shop, 325 South Delaware Ave., will build 2 story, 88 x 90 ft., rein.-con. and brick, by day labor. $50,000. Private plans.

Mo., St. Louis—ASBESTOS PLANT—Amer. Insulating Co., Roberts and Stokley Sts., Phila., Pa., 1 story, rein.-con. asbestos plant, Riverview Dr. and Chicago, Burlington & Quincy R.R. tracks, here, to Austin Co., 160 North La Salle St., Chicago, Ill. and Arcade Bldg., St. Louis.

Okla., Tulsa—GARAGE—Washington & Kelley, 4 story, 100 x 140 ft. rein.-con. and brick, to G. D. Morrow & Son Constr. Co., Kennedy Bldg., $127,000.

Okla., Weleetka—POWER PLANT—Pub Serv. Co., 510 South Boston St., Tulsa, superstructure 2 story, brick and concrete power plant, 15,000 kw. capacity, here, to Myers Constr. Co., Legion Hotel, Weleetka. Engrs. est. $1,000,000.

Calif., San Luis Obispo — STORAGE PLANT—San Luis Ice & Cold Storage Co., 1 story, 58 x 119 ft., brick and concrete cold storage plant, to Hamm, Grant & Bruner, 607 Ferguson Bldg., Los Angeles, $55,000. Noted Dec. 30.

Calif., Berkeley—FACTORY—Peet Bros. & Palmolive Soap Co. (consolidated), 6th and Carlton Sts., 3 or 4 story, brick, 6th and Carlton Sts., to P. J. Walker Co., Sharon Bldg., San Francisco, to exceed $150,000.

Ont., London — FACTORY — Richards Wilcox Canadian Co., W. R. Yendall, mgr., tile factory addition, Chelsea Green, to Hyatt Bros., 290 Egerton St. Archts. est. $50,000. Noted Dec. 16.

Buildings—Educational, Religious

Proposed Work

Me., Portland — PARISH — St. Stephens Episcopal Church, G. De Mott, pastor, having plans prepared 3 story and basement, brick, plain foundation, Congress St. and Vernon Pl. $150,000. Private plans.

Me., Winslow—CHURCH—St. Francis De Sales, J. W. Frawley, pastor, plans 1 story and basement, brick and stone, plain foundation, Sand Hill. $150,000-$160,000. Engineer and architect not selected.

N. H., Hanover — DORMITORY — Dartmouth College having preliminary plans prepared by J. F. Larson, Hanover, dormitory and natural science building. $150,000.

Mass., Boston—SCHOOL—M. E. Levy, archt., 7 Water St., preparing new plans 3 story and basement, 80 x 165 ft., brick and stone, plain foundation, Woodrow Ave. $200,000. Owner's name withheld.

Mass., Boston—CONSERVATORY—New England Conservatory of Music, Huntington Ave., having plans prepared by Haven & Hoyt, 45 Bromfield St., 2 or 3 story and basement, brick and stone addition, plain foundation, Huntington Ave. corner Gainsboro St. To exceed $150,000.

Mass., Deerfield — SCHOOLS — Deerfield Academy, C. T. Plunkett, having plans prepared by W. L. Walker, 103 Park Ave., New York City, group school buildings. $200,000.

Mass., Fall River — SCHOOL — City, Mayors Office, rejected bids 2 story and basement, brick and stone, plain foundation, Bay St. $150,000. J. I. Higgins, 44 Borden Blk., archt. Noted Dec. 23.

Mass., Leominster — NURSES HOME — Leominster Hospital Assn., W. H. Cropper, pres., plans 2 or more story nurses home, brick. Engineer and architect not selected.

Mass., Medford (br. Boston) — HIGH SCHOOL—City, C. H. Lowell, chn. Schoolhouse Building Com., having plans prepared by M. A. Dyer, 1 Beacon St., Boston, Senior High School, 3 story and basement, brick and stone, plain foundation, Forest St. $600,000.

Mass., New Bedford — CHURCH — St. Josephs Parish, J. Chagnon, pastor, having plans prepared by F. A. Rousseau, 222 Union St., 1 story and basement, brick and stone, plain foundation, Acushnet Ave. and Duncan St. $150,000.

Mass., Rutland — CHURCH — Rutland Congregational Church, G. H. Miles, chn. com., Main St., plans altering and constructing 1 story and basement, brick and stone addition, plain foundation. $150,000. Engineer and architect not selected.

Mass., Somerville (Boston P. O.)—SERVICE and REPAIR GARAGE—M. Bornstein, 64 Charlesgate St., East Boston, having preliminary sketches made 1 story, brick addition. $50,000 or more. Private plans.

Mass., West Roxbury (sta. Boston) — CHURCH—St. Theresa's Roman Catholic Church, W. F. Lyons, pastor, Center St., having revised plans prepared by F. A. Cornet, 10 Central Ave., Lynn, 1 story and basement, 150 x 185 ft., granite and limestone, plain foundation, Center and Cottage Sts. $350,000. Noted May 6.

Mass., Worcester — DORMITORY — Worcester Polytechnic Institute, R. Earle, pres., rejected bids 3 story and basement, brick and steel, West St. $250,000. Appleton & Stearns, 53 State St., Boston, archts. Will readvertise. Noted Dec. 16.

Mass., Worcester — CHURCH—Our Lady of Mt. Carmel, G. Maffie, pastor, plans 1 story and basement, brick and stone, Mulberry St. $160,000. Engineer and architect not selected.

R. I., North Providence (sta. Providence) — ORPHANAGE — St. Mary's Orphanage, F. B. Atkinson, supt., having sketches made by Jackson, Robertson & Adams, Turks Head Bldg., Providence, 2 or 3 story and basement, brick and stone, plain foundation, Fruit Hill Ave. To exceed $150,000.

R. I., Providence — SCHOOL — City, Schoolhouse Dept., plans 2 story and basement, brick and stone addition, plain foundation, Nelson Pl. $150,000. T. J. H. Pierce, city engr.

R. I., Warren—HIGH SCHOOL—Town, C. H. DeWolf, South Main St., plans Senior and Junior High School. To exceed $150,000. Engineer and architect not selected.

Conn., Hamden (br. New Haven) — SCHOOLS — Town, J. H. Strain, chn. com., having plans prepared by Brown & Von Beren, 185 Church St., New Haven, 8 room, brick and steel, Pine and Helen Sts.; and by A. W. Boylen, 39 Center St., New Haven, 4 room addition. Spring Glen School. $150,000. Noted Nov. 25.

Conn., Hartford—SCHOOL—City, South Dist. School Com., plans new school, Franklin Ave. $150,000 or more. Engineer and architect not selected.

Conn., Portland — HIGH SCHOOL — Town, A. N. Shepard, chn. com. having sketches made by Norton & Townsend, 405 Temple St., New Haven, Memorial High School, 2 story and basement, brick and stone. To exceed $150,000.

Conn., Wallingford — CHURCH — Methodist Church, D. G. Griswold, chn. building com., Highland Farm, plans new stone

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Buildings—Educational, Religious (Cont.)

church, Church and Main Sts. $150,000. Engineer and architect not selected.

N. Y., Bronxville (Ind. br. Yonkers)—COLLEGE—Sarah Lawrence College, W. V. Lawrence, chn. building com., Bronx Blvd. and 238th St., New York City, having plans prepared by Bates & How, 145 East 57th St., New York City, brick, steel and stone, plain foundation, Bronxville Rd. $1,250,000.

N. Y., College Point (Ind. Sta. Flushing)—SCHOOL—Bd. Educ., 500 Park Ave., New York City, soon takes bids 3 story, 180 x 180 ft., brick, steel and stone, plain foundation, 23rd Ave. $650,000. W. H. Gompert, Flatbush Ave. exetnsion and Concord St., Brooklyn, engr. and archt.

N. Y., New York—COMMUNITY CENTER—Congregational Bnai Jeshurun, c/o H. D. Hertz, archt., 25 West 43rd St., having plans prepared 9 story, brick, steel and stone, plain foundation, 266 West 89th St. $1,000,000.

N. Y., New York — ASTRONOMTIC HALL — Amer. Museum of Natl. History, G. C. Fisher, in charge, Columbus Ave. and 77th St., having preliminary plans prepared by Trowbridge & Livingston, 525 5th Ave., 5 story, brick, steel and stone, plain foundation, Columbus Ave. $3,000,000.

N. Y., New York — PLAYGROUND — Recreation Terraces, Ritz Towers, Bway. and 57th St., G. McAneny, chn., having plans prepared by B. Goodhue, 2 West 47th St., 5 story playground building, incl. swimming pool, in Jacob Reiss Park, Mulberry St. $2,000,000.

N. Y., New York — REFECTORY and MISSIONARY APARTMENT — Union Theological Seminary, 120th St. and Bway., having plans prepared by Allen & Collins, 75 Newberry St., Boston, Mass., 6 story refectory and 8 story missionary apartment buildings, Claremont Ave. and 120th St. $1,200,000.

Pa., Newport — HIGH SCHOOL — Newport School Dist., H. E. Bonsal, secy., 4th St., soon takes bids general construction 3 story and basement, 70 x 100 ft., brick and steel, incl. gymnasium, 5th St. $200,000. B. E. Starr, 9 North 2nd St., Harrisburg, archt.

Pa., Phila.—HIGH SCHOOL—Bd. Educ., J. D. Cassell, supt. buildings, soon lets contract 3 story and basement, 183 x 290 ft. rein.-con. and brick, plain foundation, 18th and Chelton Sts. I. T. Catharine, 19th and Chestnut Sts., archt.

Pa., Phila.—SCHOOL—St. Marys Magdalen Parish, A. Gerritano, pastor, 7th and Christian Sts., having plans prepared by Hoffman-Henon Co., Finance Bldg., rein.-con., brick and steel, plain foundation.

Pa., Pittsburgh — ADMINISTRATION — Bd. Educ., Fulton Bldg., having plans prepared by Ingham & Boyd, Empire Bldg., 4 story and basement, 156 x 275 ft., brick and stone, Forbes and Bellefield Sts. $500,000.

Pa., Williamsport — HIGH SCHOOL — School Dist., J. E. D. Huffman, chn. building com., having plans prepared by Richter & Eiler, Reading, 3 story and basement, 80 x 100 ft., rein.-con., brick and steel addition to Curtin Junior High School. $200,000.

D. C., Wash.—CHURCH and PARISH HOUSE — St. Pauls Lutheran Church having plans prepared by Froham, Robb & Little, 140 Boylston St., Boston, Mass., 2 and 3 story and basement, stone, Connecticut Ave. $400,000.

La., Natchitoches — COLLEGE — State Normal College having preliminary plans prepared brick, concrete and stone college, $225,000. Favrot & Livaudais, 1202-1208 Hibernia Bank Bldg., New Orelans, archts.

La., Shreveport—ADMINISTRATION—C. W. King, archt., 901 Giddins-Lane Bldg., Shreveport, soon takes bids steel and stone administration building, for M. E. Dodd Foundation, c/o 1st Baptist Church. $200,000. Noted Apr. 8.

Tenn., Memphis — CHURCH — Buntyn Methodist Congregation, A. C. Miller, ch. building com., Rand Bldg., plans church. $150,000.

Ky., Ashland—SCHOOL—Bd. Educ. having preliminary plans prepared by F. C. Warner & R. W. McCornack, Bulkley Bldg., Cleveland, O., Elementary and Junior High School, 3 story and basement, brick, steel and concrete. $400,000.

O., Dover Center—HIGH SCHOOL—Bd. Educ., C. R. Perkins, clk., having plans prepared by Fulton & Taylor, engrs. and archts., 8120 Euclid Ave., Cleveland, 3 story and basement, 38 x 75 ft., concrete, brick and steel addition. $200,000.

Mich., Detroit — SCHOOL — Bd. Educ., 1354 Bway. Ave., plans 2 story and basement, rein.-con., brick and steel, plain foundation, Turner School Site. $975,000. Engineer and architect not selected.

Ill., Glencoe — TEMPLE — North Shore Congregation Israel, c/o M. W. Spitz, Glencoe, having plans prepared by A. S. Alschuler, 28 East Jackson Blvd., Chicago, 2 story, 200 x 200 ft., brick and tile, Lincoln and Vernon Aves. $275,000.

Ill., Woodriver—HIGH SCHOOL—Woodriver-East Alton Community High School Dist., L. G. Osborne, supt., takes bids in early spring 3 story, rein.-con., brick and stone addition. $175,000. W. N. Ittner, 911 Locust St., St. Louis, Mo., archt. Noted Dec. 16.

Wis., La Crosse—SCHOOL—Bd. Educ. plans addition to Logan School. $200,000.

Wis., Milwaukee—NURSES HOME—St. Marys Hospital, 448 Lake Dr., having plans prepared by O'Meara & Hills, 1611 Pioneer Bldg., St. Paul, Minn., 5 story and basement, brick and stone, plain foundation, Lake Dr. and Terrace Ave. $500,000. Noted Nov. 11.

Wis., Milwaukee — CHURCH and SCHOOL—St. Roberts Congregation, F. P. Reilly, pastor, 1327 Farwell Ave., having preliminary plans prepared by Herbst & Kuenzli, 130 Grand Ave., 2 story and basement, brick and tile, plain foundation, Atwater Rd. $100,000-$150,000.

Wis., Milwaukee — ADMINISTRATION BUILDING, etc — House of Good Sheperd, 5010 North Ave., having plans prepared by Eschweiler & Eschweiler, 210 Mason St., and soon takes bids 3 story administration building, 3 story sisters building, 4 story childrens building, 2 story chapel, and 1 story power house, all brick and concrete, North Ave. $350,000.

Wis., West Milwaukee (Milwaukee P. O.)—HIGH SCHOOL—Bd. Educ., G. L. Niederstadt, clk., rejected bids Dec. 29, 2 story and basement, 56 x 73 ft., and 76 x 150 ft., rein.-con., brick and terra cotta, plain foundation, Greenfield Ave. $200,000. M. Tullgren & Sons, 9 Waverly Pl., Milwaukee, archts. Will readvertise. Noted Dec. 23.

Minn., Northfield — WOMENS DORMITORY—Carleton College, c/o D. J. Cowling, pres., soon lets contract 4 and 6 story and basement, rein.-con., brick and stone, plain foundation, here. $225,000. Foundation for same, awarded to H. N. Leighton Co., 127 South 10th St., Minneapolis. Holmes & Flynn, 8 Dearborn St., Chicago, Ill., archts. Noted Sept. 16.

Mo., St. Louis — CHURCH and COMMUNITY — Galilee Baptist Church, M. Owens, pastor, 4367 Enright St., takes bids about April 1, 4 story and basement, 105 x 131 ft., rein.-con., brick and stone, 2900 Pine St. $300,000. Plato & Evans, 808 West Walnut St., Louisville, Ky., archts. Noted July 22.

Ark., McGehee — HIGH SCHOOL — Bd. Educ. soon takes bids 2 story, rein.-con. and brick, incl. 12 class rooms, cafeteria, etc. $160,000. Mitchell Seligman, 206 Pine St., Pine Bluff, archt.

Tex., Abilene—HIGH SCHOOL—Voted $200,000 bonds, fireproof high school, for Bd. Educ. Address O. K. Hobbs, city engr. or C. E. Coombes, mayor. Noted Dec. 9.

Tex., Brenham—SCHOOL—Election Jan. 12, $180,000 bonds, new school.

Tex., Ft. Worth—CHURCH—H. Woodruff, archt., 400 Reynolds Bldg., soon takes bids 6 story (ultimately 10 story), 58 x 96 ft., rein.-con. and cast stone, for 1st Christian Church, L. D. Anderson, pastor, Taylor St. between 5th and 6th Sts. $225,000.

Okla., Tulsa — HIGH SCHOOL — Voted $750,000 bonds, new high school and addition. L. I. Shumway, 712 New Alexander Bldg., archt. Noted Dec. 23.

Wash., Yakima—HIGH SCHOOL—J. W. Maloney, archt., Yakima, takes bids about Feb. 22, 29 room Junior High School, for Bd. Educ. $250,000.

Calif., Glendale — CHURCH — First Methodist Church of Glendale, having plans prepared by A. G. Lindley, 410 Amer. Bank Bldg., Los Angeles, church on 150 x 200 ft. site, incl. auditorium 1,800 seating capacity, etc., Kenwood and Wilson Aves. $400,000.

Calif., Lynwood — SCHOOLS — Lugo School Dist. voted $150,000 bonds, 3 schools. Noted Nov. 18.

Calif., Oakland — HIGH SCHOOL — School Dist. having preliminary plans prepared by Building & Grounds Com. Bd. Educ., City Hall, Junior High School building, incl. 11 class rooms, kindergarten and 2 shops. $150,000.

Calif., Redlands—SCHOOL—Bd. School Trustees plan election soon, $375,000 bonds, new school, and improving Junior High School. E. Bergstrom, Citizens Natl. Bank Bldg., Los Angeles, archt. Noted Nov. 11.

Calif., Sacramento — CATHEDRAL — Westminster Presbyterian Church had plans prepared by Dean & Dean, City Library Bldg., rein.-con., 13th and N Sts. $250,000. Noted June 3.

Calif., Santa Barbara—CHURCH—T. P. Barber, archt., 2008 West 7th St., Los Angeles, soon takes bids masonry work for church, Figueroa and De la Vina Sts., for Methodist Episcopal Church. $350,000 or more.

Que., Three Rivers—CONVENT—Sisters Carmelites, St. Boniface du Manitoba, purchased site and plans 200 x 300 ft. convent, Coteau St. Louis. $250,000. Engineer and architect not selected.

Ont., Toronto—HIGH SCHOOL—York Twp. High School Bd. 40 Jarvis St., having plans prepared by Burden & Gouinlock, 161 King St. W., and soon takes bids 2 story and basement, rein.-con., brick and steel, plain foundation, Jane St. $155,000.

Bids Desired

Mass., Pembroke—HALL and LIBRARY—Town taking bids 2 story and basement, brick and stone, plain foundation, Center St. $150,000. J. D. Leland & Co., Statler Bldg., Boston, archt. Noted Oct. 21.

Mass., Salem—HIGH SCHOOL—City, J. J. McCarthy, chn. com., 81 Washington St., taking bids 2 story and basement, brick and stone addition, plain foundation, Highland Ave. $400,000. J. M. Gray, 175 High St., Boston, archt. Smith & Walker, 80 Boylston St., Boston, associated archt.

N. Y., Glenwood Landing—SCHOOL—Jan. 12, by Bd. Educ., 2 story, brick, steel and stone, plain foundation. $275,000. Coffin & Coffin, 522 5th Ave., New York City, archts.

N. J., Vineland—HIGH SCHOOL—Jan. 25, by Bd. Educ., High School Bldg., 6th and Plum Sts., 2 story and basement, 208 x 290 ft., rein.-con. and brick, Landis Ave. Guilbert & Betelle Chamber of Commerce Bldg., Newark, archts. Noted June 3.

Fla., Miami—HIGH SCHOOL—Jan. 24, by Dade Co. Bd. Pub. Instruction, Central School Bldg., 69 Northeast 3rd St., for Senior High School, Southwest 24th Ave. and 1st St. $1,000,000. Kiehnel & Elliott, 930 Seybold Bldg., archts. Noted Dec. 23.

O., Westview (br. Zanesville) — HIGH SCHOOL — Jan. 15, by Bd. Educ., W. C. Ewaver, clk., 2 story and basement, brick and steel high school. $225,000. J. H. MacDowell, Bulkley Bldg., Cleveland, archt.

Mich., Mt. Morris—HIGH SCHOOL—Jan. 19, by W. W. Herrick, secy. Bd. Educ., Dist. 3, 2 story and basement, rein.-con., brick and steel, plain foundation. $200,000. Van Leyen, Schilling & Keough, 3440 Cass Ave., Detroit, archts.

Mo., Joplin—SCHOOL—Jan. 11, by Bd. Educ., R. Brazeale, secy., 2 story and part basement, 85 x 139 ft., rein.-con., brick and stone school. $175,000. J. H. Felt & Co., 300 West 47th St., Kansas City, archts.

Tex., Amarillo—CHURCH—First Methodist Church, South, c/o L. N. Stuckey, pastor, taking bids 3 story and basement, rein.-con., brick and stone, plain foundation $300,000. J. R. Smith, 310 Blackburn Bldg., archt. Foundation for above, awarded to C. Nicholson Co., Amarillo.

Tex., Brenham—SCHOOL—Jan. 12, by Giesecke & Harris, archts., 207 West St., Austin, school, here, for Bd. Educ. $180,000.

Tex., McAllen — HIGH SCHOOL — Jan. 12, by Bd. Educ., 3 story, 125 x 200 ft., fireproof high school. $200,000. R. H. Cameron, c/o City Natl. Bank Bldg., San Antonio, archt. Noted Dec. 30.

Okla., Ponca City—HIGH SCHOOL—Bd. Educ. taking bids and open same about Jan. 20, 3 story and part basement, 138 x 170 ft., rein.-con., brick, stone and terra cotta, plain foundation. $330,000. Smith & Senter, 401-5 Commerce Bldg., Okmulgee, archts. Noted Dec. 16.

Calif., Los Angeles—JUVENILE HALL—Supervs. Los Angeles Co. taking bids 1 and 2 story, 214 x 240 ft., rein.-con., incl. auditorium, etc., Mission Rd. and Henry St. $150,000. C. Nourse, 410 Amer. Bank Bldg., archt. Noted Dec. 30.

Bids Received

N. Y., New York—LIBRARY—College of the City of New York, Convent Ave., brick, steel and stone, 140th St. and Convent Ave., from Eastern Eng. Corp., 26 Court St., Brooklyn, $213,000. Noted Dec. 9.

N. J., Merchantville (Ind. br. Camden) — HIGH SCHOOL — Merchantville School Bd., 2 story and basement, rein.-con. and brick, plain foundation, from P. N. Kelly, Jackson St., Camden, $177,467; heating and ventilating, from H. Knecht, 415 Richey St., Collingswood, $35,098. Noted Dec. 16.

Calif., Beverly Hills — SCHOOL — Los Angeles Bd. Educ., 2 story, 65 x 200 ft. class room building, 80 x 150 ft. auditorium, 1,500 seating capacity, 1 story, 40 x 150 ft. domestic science building, 1 story, 60 x 161 ft. shop, two 80 x 80 ft. gymnasiums,

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Buildings—Educational, Religious (Cont.)

all foregoing of brick, here, from H. W. Schlueter, Black Bldg., Los Angeles, $294,000. Noted Dec. 16.

Calif., Beverly Hills—SCHOOL—Beverly Hills High School Dist., general contract brick and concrete school, from H. W. Schlueter, Black Bldg., Los Angeles, $294,000. Noted Dec. 30.

Contracts Awarded

Mass., Hyde Park (br. Boston)—SCHOOL—City of Boston, School House Dept., 2 story and basement, 75 x 170 ft., brick and limestone, plain foundation, Henry Drew Dist., here, to Matthew Cummings Constr. Co., 43 Tremont St., Boston, $165,000. Noted Dec. 9.

Mass., Roslindale (sta. Boston) — SCHOOL — City of Boston, Schoolhouse Dept., 2 story and basement, brick and limestone, plain foundation, Francis Parkman Dist., to M. S. Kelleher & Co., 21 North Munroe Terrace, Dorchester. Archts. est. $160,000. Noted Dec. 16.

Mass., Roxbury (Boston P. O.)—HIGH School—City of Boston, Schoolhouse Dept., 3 story and basement, brick, granite and limestone, plain foundation, Warren, Townsend and Deckard Sts., here, to T. O'Conner Co., 218 Main St., Cambridge, $1,094,613. Noted Dec. 9.

R. I., East Providence (br. Providence)—HIGH SCHOOL—Town, School Com., general contract Junior High School, 3 story and basement, brick and stone, plain foundation, Bway. and Wheldon Ave., to C. B. McGuire Co., 507 Grosvenor Bldg., Providence, $249,277; heating, to Lincoln & Lane Co., 30 Bayley St., Pawtucket, $29,350; and plumbing, to Davey Bros., Warren Ave., $27,753. Grand total $306,380. Noted Dec. 16.

R. I., Warwick — CHURCH — Norwood Union Baptist Church, L. W. Budlong, 1 story and basement, brick and stone, plain foundation, to O. and S. Levigne, Arctic. Archts. est. $150,000.

Pa., Franklin—HIGH SCHOOL—J. A. Long, secy. School Dist., general contract Junior High School, 2 story and basement, 80 x 110 ft., brick and steel, to Carstensen-McLain, 413 Main St., Johnstown, $95,974. Noted Nov. 25.

La., Boyce—SCHOOL—Rapides Parish School Bd., W. J. Avery, supt., Alexandria, general contract 3 story, 117 x 220 ft., brick, concrete and timber, here, to Caldwell Bros., 816 Howard Ave., New Orleans, $151,500.

Ill., Kenilworth — AUDITORIUM and GYMNASIUM — Bd. Educ., New Trier High School, general contract auditorium and gymnasium, to Standberg Bros., 608 South Dearborn St., Chicago. Noted Aug. 13, 1925.

Wis., Milwaukee — HIGH SCHOOL — School Bd., F. M. Harbach, secy., 3 story and basement, brick and concrete addition to West Division High School, plain foundation, masonry, concrete and excavation, to W. T. Buchholz, 1081 Sherman Blvd., $63,945; carpentry, to P. W. Bringe, 940 3rd St., $25,800; structural steel, to Milwaukee Structural Steel Co., Watertown Rd., $21,380; plumbing, to O. Waskow, 2218 State St., $21,869. Grand total $132,994. Noted Nov. 4.

Minn., St. Paul — UNIVERSITY — State Comm. of Administration & Finance, general contract 4 story and basement, rein.-con., brick and stone, plain foundation, on University Farm Campus, to Ganley Bros. Co., 544 Endicott Bldg. archts. total cost approximately $200,000. Noted Dec. 9.

Calif., Berkeley—HIGH SCHOOL—J. J. Donovan, archts., Tapscott Bldg., Oakland, general contract 2 story and basement, brick and concrete, here to J. P. Brennan, 2233 California St., for St. Marys College High School, Oakland. Approximately $203,000. Noted Dec. 30.

Calif., Los Angeles — CHURCH — F. F. Power, archt., 2615 West 7th St. completed plans and will build 3 story and basement, 105 x 250 ft., rein.-con. and steel, 6655 Sunset Blvd., by sub-contract, for Church of Blessed Sacrament. $325,000.

Calif., Pasadena—STORE and LOFT—Parmelee-Dohrmann Co., 436 South Bway., Los Angeles, 2 story and basement, 30 x 235 ft., rein.-con., Colorado St., here, to Scofield Eng. & Constr. Co., Pacific Finance Bldg., Los Angeles, approximately $150,000.

Calif., San Mateo — MONASTERY — Dominican Nuns of Corpus Christie Monastery, 1090 Eddy St., San Francisco, (1st unit), rein.-con., to J. S. Sampson, Monadnock Bldg., San Francisco, $139,775. Noted Dec. 16.

Calif., Santa Barbara—SCHOOL—Santa Barbara School Dist., general contract 2 story, rein.-con., Modoc Rd., to W. J. Ochs, 405 Clark St., Fresno, $214,873. Noted Dec. 30.

Federal Government Work

Proposed Work

Calif., San Diego—Ward, Barracks, etc. —Spec. 5148—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans 6 buildings, incl. ward, barracks, quarters and mortuary, at Naval Operating Base Hospital, here.

Bids Desired

N. J., Oceanport—Barracks—Jan. 27, by Constructing Quartermaster, Fort Monmouth, 4 barracks buildings, at Fort Monmouth, here.

D. C., Wash. — Ceiling — Jan. 12, by Treas. Dept., at office Supervising Archt., repairing ceiling in East Portico, Treasury Building.

Wyo., Sheridan — Fire Alarm System — Jan. 25, by U. S. Veteran's Bureau, Arlington Bldg., Wash., D. C., fire alarm system, at U. S. Veteran's Hospital 86, here.

Calif., Mare Island — Heating Plant Equipment, etc.—Spec. 5252 Feb. 9, by Bureau Yards & Docks, Navy Dept., Wash., D. C., heating plant equipment and piping, at Navy Yard Hospital, here. Noted Feb. 16.

Alaska—Dredging, etc.—Feb. 10, at U. S. Engineer Office, Burke Bldg., Seattle, Wash., dredging and rock removal in Wrangell Narrows, here; adv. E. N.-R. Jan. 6.

Bids Received

N. Y., New York—Dredging—Spec. 5301—Bureau Yards & Docks, Navy Dept., Wash., D. C., dredging in Navy Yard, here, from Morris & Cummings, Dredging Co., 15 Moore St., at $41.87 per cu.yd. scow measurement. Noted Dec. 16.

D. C., Wash.—Roof, etc.—Pub. Building & Pub. Parks of Natl. Capitol, Navy Bldg., Dec. 29, rebuilding roof, etc., at White House, from N. P. Severn Co., 105 West Monroe St., Chicago, Ill., $185,000 (125 days). Noted Dec. 9.

N. C., Oteen—Quarters—U. S. Veteran's Bureau, Arlington Bldg., Wash., D. C., Dec. 28, M. O. C. and duplex officers quarters, at U. S. Veteran's Hospital, here, from D. D. Thomas & Son, 463 North Dunlap St., Memphis, Tenn., $63,750. Noted Dec. 2.

Wyo., Sheridan — Waterproofing — U. S. Veteran's Bureau, Arlington Bldg., Wash., D. C., waterproofing at Fort Mackenzie, U. S. Veteran's Hospital, here, from Permanent Water Proofing Co., 317 Dwight Bldg., Kansas City, Mo., $9,980. Noted Dec. 2.

Arizona—Road—C. H. Sweetser, dist. engr. Bureau Pub. Rds., U. S. Dept. Agriculture, Grand Canyon, Dec. 21, grading Grand Canyon Highway Project, in Grand Canyon Natl. Park, Coconino Co., from J. Vallandingham, 188 H St., Salt Lake City, Utah, $259,527. Noted Dec. 16.

Wash., Easton—Canal—Bureau Reclamation, Ellensburg, E. Mead, comr., Dec. 28, 10 mi. Kittitas Main Canal, Div. 2, incl. 6 siphons, from Ross Constr. Co., Los Angeles, Calif., $719,324; and Tucker Creek Siphon, from King & Stillwell, Seattle, $728,539. Noted Nov. 18.

California—Road—C. H. Sweetser, dist. engr. U. S. Bureau Pub. Roads, 461 Market St., San Francisco, Dec. 28, **(e. e. means engineers estimate)** improving Valley Rd., Yosemite Natl. Park, Mariposa Co., grading from Allied Contractors, 1803 Douglas St., Omaha, Neb., $39,146, e. e. $53,255; asphaltic concrete paving, from Mercer-Fraser Co., Eureka, $345,034 e. e. $299,846; asphaltic macadam paving, from W. Moreing, Stockton, $274,155, e. e. $260,030.

Calif., San Diego—Solarium—Spec. 5281—Bureau Yards & Docks, Navy Dept., Wash., D. C., solarium on nurses quarters, Naval Operating Base Hospital, here, from J. A. Hunt, San Diego, $2,993. Noted Dec. 16.

Calif., San Francisco—Dredging—U. S. Engineer Office, 85 2nd St., Dec. 27, dredging 40,000 cu.yd. in Suison Channel, from San Francisco Bridge Co., Nevada Bank Bldg., at $0.285 per cu.yd. Noted Dec. 16.

Contracts Awarded

N. Y., Port Chester—Dredging—U. S. Engineer Office, Army Bldg., New York City, dredging and rock removal in harbor, here, to Bridgeport Dredge & Dock Co., 1014 Main St., Bridgeport, Conn., $133,417. Noted Sept. 16.

Pa., Aspinwall — Downspouts — U. S. Veteran's Bureau, Arlington Bldg., Wash., D. C., downspouts for U. S. Veteran's Hospital, here, to J. Ferrone, Blawnox, $3,900.

Pa., Phila.—Dredging—U. S. Engineer Office, dredging in Delaware River and Philadelphia Harbor, to Amer. Dredging Co., Market St. and Mer. Blvd., $37,544. Noted Dec. 2.

D. C., Wash.—Pumping Units—U. S. Engineer Office, 1068 Navy Bldg., installing and testing 2 motor driven pumping units for Dist. of Columbia water supply project, to DeLaval Steam Pump Co., Trenton, N. J., $17,570. Noted Dec. 23.

Fla., Jacksonville — Pump — U. S. Engineer Office, dredging pump for U. S. Dredge "Welatha," to Hardie-Tynes Mfg. Co., 800 North 28th St., Birmingham, Ala., $8,342. Noted Nov. 11.

Tennessee — Earthwork — Mississippi River Com., Memphis, 300,000 cu.yd. earthwork in Lower St. Francis Levee Dist., to T. W. Roach, Memphis, $93,000.

Wyo., Buffalo—Post Office—Treas. Dept., at office Supervising Archt., Wash., D. C., 2 story and basement post office, here, to C. Weitz Sons, 713 Mulberry St., Des Moines, Ia., $74,345. Noted Dec. 24.

Wyo., Cody—Post Office—Treas. Dept., at office Supervising Archt., Wash., D. C., 2 story and basement, brick and stone, to W. D. Lovell, 1415 8th St. S. E., Minneapolis, Minn., $74,000. Noted Dec. 23.

Tex., Galveston—Jetty Repairs—U. S. Engineer Office, jetty repairs, South Jetty, Galveston Harbor, to C. Clarke, Guaranty Bldg., $47,170. Noted Nov. 25.

Tex., Port Aransas—Repairs—U. S. Engineer Office, Galveston, repairing jetties and submerged spurs, here, to C. Clarke, Guaranty Bldg., Galveston, $113,414. Noted Dec. 30.

Calif., San Francisco—Distribution Lines—Bureau Yards & Docks, Navy Dept., Wash., D. C., repairing distribution lines for Yerba Buena Island, here, to Lawson & Drucker, 465 Tehama St., $2,636.

Unclassified

Proposed Work

Heating Plant — Manchester, Vt. — Equinox House plans heating plant in Equinox House. $25,000 or more. Engineer not selected.

War Memorial — Boston, Mass. — Commonwealth of Massachusetts, F. J. Good, chn. com., State House, having preliminary sketches made by G. Lowell, 12 West St., granite chapel monument, 90 ft. high 160 ft. diam., probably in Copley Sq. $1,500,000.

Arena—Boston, Mass.— W. J. McDonald, 260 Tremont St., Boston, plans sport arena, Audubon Rd. and Burlington St. To exceed $25,000. Engineer not selected.

Coal Pocket—New Haven, Conn.—New York, New Haven & Hartford R.R. Co., E. Gagel, ch. engr., plans 150 x 200 ft. coal pocket concrete and steel, replacing one recently destroyed by fire. To exceed $25,000.

Swimming Pool—New York, N. Y.—See "Buildings—Commercial."

Stock Pavilion—Knoxville, Tenn.—East Tenn. State Fair Assn. and Knox Co. plan stock pavilion and arena, at Chilhowee Park. $30,000.

Grade Crossing Elimination—Ohio—See "Streets and Roads."

Swimming Pool — Chicago, Ill. — See "Buildings—Commercial."

Sand and Gravel Plant—Chippewa Falls, Wis.—Eau Claire Sand & Gravel Co., Eau Claire St., Eau Claire, making plans 5 ton, timber sand and gravel plant, 50 cars per day capacity, incl. crushing, screening, conveying and loading equipment. To exceed $25,000. J. C. Buckbee, 1st Natl. Bank Bldg., Chicago, Ill., engr.

Landscaping — Milwaukee, Wis. — Milwaukee Country Club, L. Patton, pres., 205 Lake St., plans landscaping grounds, improving golf course, new tennis courts, and remodeling clubhouse, etc. To exceed $25,000. Engineer not selected.

Land Development—Hot Springs, Ark.—Dierks Lumber & Coal Co., 700 Gates Bldg., Kansas City, Mo., plans new development, incl. sanitary sewers to exceed $25,000; new waterworks to exceed $25,000, etc., near here. Private plans.

Swimming Pool, etc.—St. Louis, Mo.—See "Buildings—Commercial."

Land Development—Brownsville, Tex.—James & Dickinson take bids after Jan. 10, land development in Los Ebanos, near here, incl. waterworks $35,000, sewers $35,000, and natural gas distributing system $20,000. Private plans.

Wharf—Houston, Tex.—Houston Compress Co., Exch. Bldg., soon lets contract

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Unclassified (Continued)

80 ft. extension present wharf, incl. 235 cu.yd. rein.-con., 780 lin.ft. wood and 2,110 lin.ft. concrete piling. $25,000. R. V. Cummings Co., Bankers Mortgage Bldg., engr.

Gas Mains, Street Lighting, etc.—San Antonio, Tex.—San Antonio Pub. Serv. Co., c/o E. H. Kifer, vice-pres. and genl. mgr., plans new gas supply line to pipe gas from city limits to main distributing point inside city limits, probably use 24 in. pipe, $90,000; mains into outlaying districts and replacing some small mains with larger ones, 8- to 20-in. pipe to be purchased, $300,000; street lighting, equipment to be purchased $40,000; electric extensions to factories, etc. using company electric power, $100,000; and two electric sub-stations, $35,000.

Lighting System—Dunsmuir, Calif.—See "Streets and Roads."

Subway—Los Angeles, Calif.—Southern Pacific Co., 65 Market St., San Francisco, G. W. Boschke, ch. engr., made plans subway under Southern Pacific R.R. tracks at Los Feliz Blvd., here, $397,215; also at Glendale-Brand Blvd., $484,475. Eng. Dept., Owners, engrs.

Lighting System—Los Angeles, Calif.—Plans ornamental lighting system on Garden Ave., Santee St., etc. To exceed $25,000.

Lighting System—Los Angeles, Calif.—Los Angeles Co. plans ornamental street lighting system on portions Allen Ave., Maple St., etc.; also portions Hauser Blvd., Masselin and Fuller Aves., etc. To exceed $50,000. J. C. Shaw, City Hall, engr.

Sports Resort—Nueve Laredo, Mexico—Tex Rickard, J. W. Choats and associates, c/o Chamber of Commerce, Laredo, Tex., purchased 2,000 acre site and plans 30 story hotel, with 5 elevators, casino, race track, polo field, airplane landing field and hangar, rifle range, golf course and racing plant, here. $3,500,000.

Bids Desired

Golf Course — Rutland, Vt. — Rutland Country Club, H. G. Smith, com., taking bids nine hole golf course addition, etc. $35,000. W. E. Stile, 97 Newbury St., Boston, Mass., engr. Noted Dec. 16.

Engines, Generator, etc.—Warren, Pa.—Jan. 20, by H. W. Mitchell, supt. Bd. Trustees State Hospital, furnishing and installing 3 engines and generators, switchboard, electrical work, piping, foundations, feed water heater, etc. J. E. Woodwell, 501 5th Ave., New York City, consult. engr.; adv. E. N.-R. Jan. 6.

Memorial—New Britain, Conn.—Jan. 17 (extended date), by City Building Com., A. G. Kimball, chn. World War Memorial, granite, bronze and limestone, Walnut Hill Park. $160,000. H. Van Buren MacGonigle, 101 Park Ave., New York City, engr. Noted Nov. 18.

Fire Escapes, etc.—Buffalo, N. Y.—Jan. 19, by Comr. Mental Hygiene, Capitol, Albany, construction fire escapes and miscellaneous alteration work, etc. at Buffalo State Hospital, here; adv. E. N.-R. Jan. 6.

Foundation, etc.—Newport, Pa.—Jan. 20, by School Dist., H. E. Bonsal, secy., 4th St., foundation, excavation, etc., for 3 story and basement, 70 x 100 ft., brick and steel high school, 5th St. B. E. Starr, 9 North 2nd St., Harrisburg, archt.

Asphalt Plant—Phila., Pa.—Jan. 7, by Dept. Pub. Wks., Bureau of Highways, City Hall, 300 ton asphalt plant. G. H. Biles, dir.

Overhead Crossing—Repton, Ala.—Jan. 12, by State Hy. Dept., Montgomery, overhead crossing over Louisville & Nashville R.R. tracks, 52,100 ft. treated timber, etc., State Aid Project 97, near here, Conecuh Co. W. A. McCalla, highway engr.

Stadium—Lawrence, Kan.—Jan. 15, by L. L. Dodd, archt., 800 Graffic Arts Bldg., Kansas City, Mo., and Kansas State University, rein.-con. stadium addition (curved) connecting 2 rows of present stadium. $150,000.

Underground Cable—St. Louis, Mo.—See Contracts Awarded.

Swimming Pool — Mexia, Tex. — Taking bids 60 x 250 ft. rein.-con. swimming pool. $25,000. J. D. McIntosh, city mgr.

Lighting System—Colton, Calif.—Jan. 17, by O. Phillips, city clk., ornamental lighting system on F St. To exceed $25,000.

Steel Towers, etc.—Vancouver, B. C.—See "Contracts Awarded."

Bids Received

Repairing Pier—New York, N. Y.—M. Cosgrove, comr. Docks, Pier "A," foot Battery Pl., Dec. 30, overflooring and painting Pier 30, East River, from L. Kaplowitz, 1686 Grand Ave., $10,977 and $3,263 respectively; sheet metal work, from Victory Roofing & Sheet Co., 3444 3rd Ave., $13,080; plumbing, from N. P. Lorenzo, 430 Pearl St., $5,939; cement and plaster work, from English Constr. Co., 15 West 91st St., $2,900; special iron work, from Particular Iron Wks., 538 Canal St., $9,693; electrical work, from Web Electric Co., 482 Bway., $853. No bids were received for structural steel. Noted Dec. 23.

Electric Light and Distribution System—New York, N. Y.—Dept. Welfare, Municipal Bldg., complete electric light and power under ground distribution system on grounds New York City Children's Hospital, Randalls Island, from Erickson Eng. Co., Grand Central Terminal, (a) $44,340 and (b) $43,000.

Lighting System—Long Beach, Calif.—Ornamental lighting system on Ocean Blvd., from F. Ziebarth, Fer. & Merch. Bank Bldg., $43,800.

Lighting System—Los Angeles, Calif.—Ornamental lighting system on Brunswick Ave. between Los Felitz and Glendale Blvds., from Osborn Electric Co., 450 California Terrace, Pasadena, $26,845.

Ferry Terminal—San Francisco, Calif.—California State Bd. Harbor Comrs., Ferry Bldg., ferry terminal, foot of Hyde St., from Schuler & McDonald, 1723 Webster St., Oakland. $96,700. Noted Dec. 23.

Contracts Awarded

Bulkhead — Brooklyn, N. Y. — M. Cosgrove, comr. Docks, Pier "A," foot Battery Pl., New York City, reconstructing sheet pile bulkhead at Columbia St., Erie Basin, here, to Tilt Hargan Co., 90 West Bway., New York City, $56,000. Noted Dec. 23.

Comfort Station—Brooklyn, N. Y.—J. J. Byrne, pres. Brooklyn Boro, Boro Hall, comfort station, Manhattan Bridge Plaza, here, to E. G. Vail, Jr., Inc., 115-25 172nd St., Jamaica, $22,400. Noted Dec. 16.

Comfort Stations, etc.—New York, N. Y.—H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., comfort stations at Westchester Sq., and at 3rd and Lincoln Aves., to East Eng. Corp., 26 Court St., Brooklyn, $46,900 and $30,400 respectively; also sheet asphalt repaving Southern Blvd., to Gaffney Constr. Corp., Grand Central Terminal, $23,410. Grand total $100,710. Noted Dec. 30.

Platform, etc.—New York, N. Y.—M. Cosgrove, comr. Docks Pier "A," foot Battery Pl., platform and shed adjacent to North side Pier 2, North River, to General Contg. & Eng. Co., 40 Rector St., $32,000. Noted Dec. 16.

Retaining Walls—New York, N. Y.—J. Miller, pres. Manhattan Boro, Municipal Bldg., column footings, retaining walls, and abutments, in connection with grading, paving and constructing viaduct in Riverside Dr., from West 155th to West 161st Sts., to Remo Realty Co., 645 East Tremont Aves., $328,969. Noted Dec. 30.

Electrical Equipment—Phila., Pa.—Dept. City Transit, H. E. Ehlers, dir., 1211 Chestnut St., electrical equipment for shop buildings and yard lighting at Fern Rock Yard, Contr. 130, to W. V. Pangborne & Co., 1927 West Montgomery St., $135,379. Noted Dec. 30.

Greenhouse—Wilmington, Del.—A. I. du Pont de Nemours, steel greenhouse, 106 ft. frontage, concrete pile foundation, incl. palm house with 2 side wings, etc. in suburbs, to Smyth Constr. Co., du Pont Bldg. Archts. est. $150,000.

Revetment Wall, etc.—Wash., D. C.—District Comrs., Dist. Bldg., reconstructing revetment wall at Morgue Wharf, to E. D. Maxwell, 817 14th St. N. W., at $21.84 per lin.ft.; also heating system in refuse division stables, to Kirwan Eng. Co., 1308 East Baltimore St., Baltimore, Md., $7,550.

Coaling Station—Lambert, Miss.—Illinois Central R.R. Co., 135 East 11th Pl., Chicago, Ill., A. F. Blaess, ch. engr., 300 ton rein.-con. coaling station, here, to Railroad Water & Coal Handling Co., 608 South Dearborn St., Chicago, Ill.

Swimming Pool—Cleveland, O.—City, W. R. Hopkins, mgr., 125 x 400 ft. concrete pool and locker house at Woodland Hills Park, to Hecker-Moon Co., 8701 Union Ave., $272,000.

Foundation — Northfield, Minn. — See "Buildings — Education, Religious, under Proposed Work."

Underground Cables—St. Louis, Mo.—Southwestern Bell Telephone Co., 11th and Pine Sts., will lay approximately 8 mi. underground cable for long distance lines along Jefferson and Gravois Aves., with own forces. $50,000 up.

Transmission Line — Texas — Central Power & Light Co., c/o E. B. Neiswanger, Frost Bldg., San Antonio, 24 mi. transmission line from Uvalde to Sabinal, to L. E. Myers Co., c/o Allen Bldg., Dallas, approximately $30,000. Noted Dec. 2.

White Way System—Floydada, Tex.—White way system, incl. supplying all materials, to Texas Utilities Co., 407 Elm St., St. Louis, Mo., approximately $20,000.

Ornamental Lighting System—Berkeley, Calif. — Ornamental lighting system on Shattuck Ave. between Durant and University Aves., to Newberry-Pearce Electric Co., 481 56th St., Oakland, $24,900. Noted Oct. 28.

Lighting System—Oakland, Calif.—E. K. Sturgis, city clk., ornamental lighting system on Bway., etc., to A. C. Rice, 1875 Santee St., Los Angeles, $127,500. Noted Dec. 23.

Siphon—Oakland, Calif.—Directors East Bay Municipal Utility Dist., constructing Rockridge Siphon, to J. Welsh, 1602 Claus Spreckels Bldg., San Francisco, $98,977. Noted Dec. 30.

Steel Towers, Cables, etc. — Vancouver, B. C.—British Columbia Electric Ry. Co., 425 Cornwall St., concrete foundation and one 311 ft. and one 200 ft. steel towers to carry two 165,000 volt circuits and four 60 volt circuits over Barrard inlet at 2nd Narrows, to Stewart & Barber, 817 Granville St., $62,000; steel superstructure, to Canadian Bridge Co., Walkerville, Ont., $26,000; and cables to owners by day labor. Engrs. est. $170,000.

Materials

Proposed Work

Portland Cement—Minneapolis, Minn.—City plans purchasing 100,000 bbl. Portland cement. N. W. Elsberg, city engr.

Pipe—Enid, Okla.—Will probably take new bids soon supplying city with various sizes c.i. pipe. $18,000. F. C. MaGruder, Enid, engr.

Bids Desired

Paving Blocks—Brooklyn, N. Y.—Jan. 12, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, 50,000 asphalt paving blocks, 2½ in. deep; 50,000 Grade 1 standard 5 in. granite paving blocks; 80,000 wood paving blocks, 8,000 bbl. portland cement; 200 tons paving pitch; 15,000 cu.yd. asphalt sand; 3,000 cu.yd. sand grit; 20,000 cu.yd. steam cinders, 600,000 gal. asphaltic cement for sheet asphalt and bituminous concrete mixtures "A," in liquid form; 6,000 cu.yd. binder stone; 10,000 cu.yd. 1½ in. coarse aggregate; 1,500 net tons limestone or suitable inorganic dust; 2,000 cu.yd. sand for paving and concrete; 3,000 cu.yd. sand for paving and concrete; and 600,000 gal. asphalt road oil for cold application, etc.

Sand, etc.—Long Island City, N. Y.—Jan. 13, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., 3,000 cu.yd. sand to Dept. Highways; 15,000 cu.yd. sand and 27,000 cu.yd. steam ashes, in scows, alongside dock, at Asphalt Plant 1, Flushing; 30,000 cu.yd. broken stone and screenings, 3,000 cu.yd. broken stone or trap rock screenings, 100,000 asphalt paving blocks, 4,000 bags portland cement, 650,000 gal. road oil cold application, 25,000 vitr. paving bricks, 400,000 gal. fuel oil, 400,000 gal. asphaltic macadam binder, and 3,000 tons asphaltic cement in tight containers.

Copper Sulphate, etc.—New York, N. Y.—Jan. 12, by P. J. Dooling, comr. Purchase, Municipal Bldg., copper sulphate and basic aluminum sulphate, to Dept. Water Supply, Gas & Electricity.

Inorganic Dust—New York, N. Y.—Jan. 10, by J. Miller, pres. Manhattan Boro, Municipal Bldg., 4,000 tons inorganic dust; 600 tons asphaltic joint filler; 700,000 gal. asphaltic cement; 8,000 cu.yd. ¾ in. binder stone; 3,000 cu.yd. coarse aggregate; 3,500 cu.yd. sand grit; 60,000 gal. gasoline; 50,000 special 5 in. granite paving blocks; 3,000 cu.yd. concrete and paving sand; 20,000 cu.yd. asphalt sand; and 150 cords mixed wood.

Pipe, etc.—New York, N. Y.—Jan. 11, by P. J. Dooling, comr. Purchase, Municipal Bldg., pipe, pipe fittings, valves, engineers, plumbers, and steam fitters supplies, etc.

Lumber, etc.—Sidney, Ia.—Jan. 10, at office Auditor Fremont Co., 302,000 ft. lumber, and 6,360 ft. creosoted piling. J. L. McGrand, Sidney, co. engr.

Contracts Awarded

Pig Lead, Lead Pipe, etc.—Kenosha, Wis.—C. M. Osborn, city mgr., 30.5 tons lead pipe and 25 tons pig lead, to Eagle Pitcher Lead Co., 208 South La Salle St., Chicago, Ill., $9,591. Noted Dec. 16.

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See proposal advertising on page 249

Engineering News-Record Unit Prices

SEWERS—WELLSVILLE, KAN.

Bids were opened by city for installing sanitary sewer system, from (A) W. B. Carter, Sioux City (awarded contract); (B) Howard Construction Co., Tecumseh, Neb.; (C) Carrothers & Nelson, Kansas City, Mo.; (D) C. L. Burt, Hutchinson; (E) Sherman Machine & Iron Works, Oklahoma City, Okla.; O'Neill Construction Co., Leavenworth, $41,317; Reed & Wheelock, Clay Center, $42,005; C. J. McCoy, Emporia, $46,736. The unit bids of the lowest four and highest bidders are as follows:

Trenching and Backfilling	A	B	C	D	E
2,753 ft. cut, 0 to 6 ft.	$0.19	$0.20	$0.15	$0.25	$0.20
8,328 ft. cut, 6 to 8 ft.	.27	.26	.20	.30	.32
8,030 ft. cut, 8 to 10 ft.	.34	.38	.25	.35	.45
2,098 ft. cut, 10 to 12 ft.	.40	.57	.30	.40	.52
1,410 ft. cut, 12 to 14 ft.	.47	.78	.40	.50	.66
565 ft. cut, 14 to 16 ft.	.53	1.60	.55	.60	.82
Rock excavation	4.00	5.00	5.50	.....	7.50
Sewer Pipe Furnished and Laid					
19,120 ft. 8 in. v.t. pipe	.38	.40	.40	.42	.48
1,009 ft. 10 in. v.t. pipe	.52	.60	.55	.57	.66
3,007 ft. 12 in. v.t. pipe	.68	.72	.70	.70	.83
48 ft. 12 in. c.i. pipe	4.50	3.50	3.00	3.00	2.76
5116 on 8in. Y branches	.80	1.31	.70	1.00	1.00
146 on 10 in Y branches	1.00	1.80	.90	1.25	1.50
526 on 12 in. Y branches	1.25	2.38	1.15	1.50	2.00
All joints add for press-tite	1,100.00	560.00	1,400.00	.....	1,000.00
Appurtences					
50 manholes, complete	54.00	50.00	60.00	55.00	65.00
4 drop manholes	75.00	62.00	70.00	70.00	70.00
60 ft. extra depth manholes	5.00	5.00	5.00	5.00	5.00
11 flush tanks	95.00	85.00	90.00	80.00	100.00
11 service connections	12.00	6.00	10.00	8.00	15.00
720 ft. ¾ in. g.i. pipe	.30	.38	.25	.30	.30
1 outlet protection	75.00	50.00	50.00	250.00	75.00
Disposal Plant Imhoff tank, sludge bed, Dosing chamber, inlet m.h., Sand filters, complete	12,324.00	13,998.00	17,135.70	16,000.00	25,058.00
Extended totals	$36,034	$39,246	$39,918	$40,105	$53,866

ELEVATED RAILROAD COLUMNS—NEW YORK, N. Y.

Bids were opened by Board of Transportation, 49 Lafayette St., for reconditioning elevated railroad column foundations and laying new floor in carpenter shop and store room, Westchester Ave. Yard, from (A) Fox Reynolds Co., Inc., 81 East 125th St.; (B) Donnell-Zane Co., Inc., 233 Bway.; (C) Slattery Engineering & Construction Co., 10 East 43rd St.; (D) Northeastern Construction Co., 101 Park Ave.; (E) John B. Roberts & Co., 949 Bway.; Hart & Early Co., Inc., 18 East 41st St., $20,495; Guidone & Bottino, Inc., 52 Vanderbilt Ave., $21,634. The unit bids of the lowest four and highest bidders are as follows:

	A	B	C	D	E
20 cu.yd. concrete masonry, in place	$20.00	$26.50	$40.00	$64.00	$34.80
22 cu.yd. removing old floor and furnishing and laying new floor	25.00	45.50	70.00	38.00	59.00
1,400 sq.ft. tooling concrete surfaces	.05	.50	.60	.30	.26
2 cu.yd. removal and disposal of concrete masonry	150.00	10.00	100.00	35.00	68.00
21 cu.yd. vitrified brick facing, in place	50.00	85.00	150.00	55.00	139.00
Temporary support of El. R.R. column Y6E (lump sum)	800.00	570.00	1,100.00	4,500.00	1,760.00
Furnishing, placing and removing cofferdams	5,700.00	8,500.00	6,900.00	9,200.00	18,760.00
Extended totals	$8,870	$13,106	$14,530	$17,46$	$25,933

BRIDGE—WILMINGTON, DEL.

Bids were opened by State Highway Department, Dover, Dec. 30, for constructing superstructure of Market Street Bridge over Christiana River, from (A) Bethlehem Steel Co., Widener Bldg., Phila., (awarded contract); (B) Phoenix Bridge Co., Phoenixville, Pa.; (C) American Bridge Co., Phila. The unit bids are as follows:

	A	B	C
848,000 lb. metal in Bascule Span	$0.1176	$0.088	$0.0075
320, lb. metal on piers	.1172	.0885	.0875
120,000 lb. machinery	.24	.257	.295
680 cu.yd. concrete counterweight	30.00	33.00	41.00
76 m.ft.b.m. creosoted Fl. Nlg. strips	170.00	146.00	165.00
8 m.ft.b.m. cresoted walks	170.00	146.00	165.00
5,000 sq.ft. traffic plates—fstg	.52	.51	.70
74,000 lb. reinf. steel C.W.	.07	.0385	.055
165 cu.yd. concrete-floor rock	40.00	38.00	29.00
700 lin.ft. railing—pst, etc	4.70	5.40	5.50
70,000 lb. c.i bal. blocks	.45	.064	.05
2 100 hp. motors	18,850.00	16,000.00	20,000.00
4 Buda electric gates	2,100.00	3,250.00	2,500.00
2 magnetic wig wag	1,500.00	1,000.00	750.00
2 electric sump pumps	1,365.00	700.00	750.00
2 operators houses	8,330.00	7,000.00	9,500.00
6 marine lights	455.00	900.00	500.00
Removing old structure (lump sum)	9,800.00	9,500.00	32,000.00
Payment Harrington, Howard & Ash	10,557.15	9,070.68	10,601.80
Payment Harrington, Howard & Ash	1,000.00	1,000.00	1,000.00
Extended totals	$236,838	$275,486	$276,642

HIGHWAY—IDAHO

Bids were opened by Department of Public Works, Bureau of Highways, Boise, Dec. 2, hardsurfacing 9.09 mi. Yellowstone Park Highway in Bingham Co., from (A) J. C. Compton, McMinnville, Ore. (awarded contract); (B) Gibbons & Reed, Salt Lake City; (C) Morrison-Knudson Co., Boise; (D) Charles Helmer, Twin Falls; (E) Wheelright Construction Co., Ogden, Utah. The unit bids are as follows:

	A	B	C	D	E
4,600 cu.yd. earth borrow	$0.40	$0.30	$0.39	$0.40	$0.35
1,000 cu.yd. unclass. str. excav	1.00	1.00	1.00	1.00	2.75
10,000 st.yd. overhaul	.04	.02	.05	.05	.04
3,000 cu.yd. binder	.40	.40	1.30	.75	.90
44,000 lb. metal rein	27.50	25.00	28.00	25.00	.06
360 cu.yd. class "A" concrete	.07	.06	.07	.08	27.00
Remove Bridge Sta. 308 (lump sum)	80.00	100.00	150.00	300.00	210.00
Remove Bridge Sta. 15 (lump sum)	190.00	150.00	150.00	300.00	160.00
Remove Bridge Sta. 368 (lump sum)	230.00	175.00	150.00	200.00	210.00
4,000 cu.yd. shoulder gravel	1.35	1.60	1.60	1.50	1.60
200 sq.yd. bit. conc. 2 in. thick	1.00	1.00	1.00	1.40	.95
96,000 sq.yd. bit. conc. 4 in. thick	1.30	1.50	1.41	1.52	1.50
14,400 cu.yd. Cr. gravel subbase	1.20	1.20	1.48	1.25	1.55
120,000 gal. sprinkling water	.00 3.10	.00¼	.00 3.10	.00½	.00½
Extended totals	$165,960	$184,025	$185,156	$189,710	$193,910

BRIDGE—FLORIDA

Bids were opened by State Road Department, Tallahassee, Nov. 3, for constructing 250-ft. bridge at Dunellon, Citrus Co., from (A) Robert W. Curtis, Lynchburg, Va.; (B) The Erler Corp., Tampa; (C) E. W. Parker, Tampa; (D) Atlantic Bridge Co., Greensboro, N. C.; (E) General Construction Co., Tampa and St. Louis, Mo. The unit bids are as follows:

	A	B	C	D	E
222.0 cu.yd. class A concrete	$24.50	$34.80	$42.00	$35.00	$57.00
208.8 cu.yd. class A concrete	24.50	34.80	42.00	35.00	65.00
36,492 lb. reinforcing steel	.05	.07	.065	.055	.07
140,000 lb. structural steel	.0675	.094	.07	.0783	.08
2,000 lb. castings and machinery	.125	.16	.15	.14	.20
244 lin.ft. metal handrail	1.50	3.00	2.50	3.75	2.00
244 lin.ft. concrete handrail	3.50	2.50	4.00	4.00	3.00
2,430 lin.ft. concrete piling	4.50	5.60	6.00	6.80	9.00
Extended totals	$34,234	$45,976	$46,732	$46,742	$63,470

Engineering News-Record Unit Prices

HIGHWAY WORK—WASHINGTON

Bids were opened by State Highway Commission, Sept. 28, for clearing, grading and draining State Rd. No. 12, Wallicut-Chinook River section, Pacific Co., from (A) J. Slotte & Co., 593 Bond St., Astoria, Ore. (awarded contract); (B) Umpquah Dredging & Construction Co., Reedsport, Ore.; (C) Willapa Construction Co., Box 441, Raymond; (D) Graham Bros. & Medley, 984 North St., Chehalis. The unit bids are as follows:

	A	B	C	D
12.73 acres clearing	$130.00	$200.00	$230.00	$300.00
7.13 acres grubbing	250.00	100.00	250.00	350.00
7.65 acres scalping	50.00	100.00	70.00	200.00
23,110 cu.yd. excavation including 4 ○ ft. haul	.40	.45	.46	.50
480 cu.yd. structure excavation including 400 ft. haul	2.50	.60	2.00	2.00
49,270 cu.yd. side borrow including 400 ft. haul	.35	.30	.32½	.50
19,210 cu.yd. hill borrow including 400 ft. haul	.40	.45	.37	.50
53,740 cu.yd. overhaul on above materials per each 100 ft., except hill borrow	.02	.04	.03	.05
199,640 cu.yd. special overhaul on hill borrow	.01	.03	.02	.04½
46 cu.yd. concrete class B in place	29.00	25.00	33.00	40.00
5,000 lb. steel reinforcing bars in place	.08	.08	.07	.15
126 lin.ft. 12-in. plain concrete or v.c. pipe in place	1.25	2.00	1.25	2.50
168 lin.ft. 18-in. plain concrete or v.c. pipe in place	2.50	3.00	2.70	4.00
228 lin.ft. 24-in. plain concrete or v.c. pipe in place	3.00	4.00	3.90	6.00
172 lin.ft. 30-in. plain concrete or v.c. pipe in place	5.00	5.00	6.00	8.00
500 lin.ft. removing plank roadway	.10	.25	.25	.10
Removing timber trestles (lump sum)	50.00	75.00	200.00	200.00
BRIDGES				
27 cu.yd. concrete class A in place	$22.00	$35.00	$34.00	$45.00
2,900 lb. steel reinforcing bars in place	.08	.10	.07	.15
17 m. ft. b.m. timber-treated in place	92.00	100.00	125.00	115.00
10 m. ft. b.m. timber, untreated, in place	71.50	55.00	55.00	70.00
700 lin.ft. furnishing piling treated at site	.95	.60	.55	1.00
960 lin.ft. furnishing piling, untreated, at site	.47	.30	.25	.50
44 each driving piles, in place	25.50	10.00	20.00	20.00
Extended totals	$51,492	$55,187	$55,588	$79,705

OUTFALL SEWER—GLOUCESTER, MASS.

Bids were opened by Board of Sewerage Survey, Sept. 27, for constructing outfall sewer, (A) Crandall Engineering Co., 102 Border St., East Boston, (awarded contract); (B) Bay State Dredging & Contracting Co., 62 Condor St., East Boston; (C) Merritt, Chapman & Scott Corp., 17 Battery Pl., New York City; (D) G. M. Bryne, 31 Church St., Winchester; (E) Bridgeport Dredge & Dock Co., 1024 Main St., Bridgeport, Conn.; Barletta & Rendle, 10 Whipple Ave., West Roxbury, $331,605. The unit bids of the lowest four and highest bidders are as follows:

	A	B	C	D	E
45,000 cu.yd. dredging disposed of at sea	$0.65	$0.55	$0.30	$0.65	$0.90
45,000 cu.yd. dredging disposed of as backfill	.60	.55	.30	.65	.75
120 cu.yd. rock excavation	30.00	30.00	25.00	20.00	35.00
800 lin.ft. test piles and piles at outlet	1.00	.58	1.60	2.00	2.00
40 pile bents, piles 15 to 20 ft. long	37.00	68.00	60.00	40.00	196.00
330 pile bents, piles 20 to 25 ft. long	41.00	72.70	42.00	41.00	197.80
50 pile bents, piles 25 to 30 ft. long	45.00	61.65	42.00	42.00	199.60
20 pile bents, piles 30 to 35 ft. long	50.00	68.70	45.00	43.00	201.40
40 timber sills	13.00	13.13	47.00	20.00	25.00
5,730 lin.ft. furnishing and laying 24 in. c.i. pipe	16.19	16.65	26.30	21.00	17.19
40,000 cu.yd. backfilling furnished in place	.50	.45	.30	.65	1.90
80 cu.yd. riprap	10.00	10.00	7.00	10.00	10.00
Outlet (lump sum)	2,500.00	3,000.00	4,600.00	3,000.00	5,500.00
Shaft (lump sum)	17,000.00	33,300.00	32,000.00	50,000.00	39,455.00
1,000 sq.ft. sheet piling left in place	1.60	.10	1.00	.75	.50
Extended totals	$213,583	$235,861	$253,279	$282,270	$388,926

WATER MAINS—WILMETTE, ILL.

Bids were opened by city, Sept. 7, for Gross Point water mains, from (A) C. M. Porter Co.; (B) R. S. Spalding; (C) T. H. Iglehart Co.; (D) E. A. Yahr; (E) E. R. Harding Co.; T. J. Prendergast, $164,920; E. Knight, $169,203; Cannell-Conrad, $177,539. The unit bids of the lowest four and highest bidders are as follows:

	A	B	C
2,972 lin.ft. 2x3-ft. reinforced concrete sewer	$11.95	$10.00	$12.00
68 lin.ft. 3x4 ft. 6 in. reinforced concrete sewer	13.50	20.00	15.00
3,468 lin.ft. 3 ft. 6 in. x 5 ft. 3 in. reinforced concrete sewer	15.90	17.50	17.50
3,088 lin.ft. 4 ft. 6 in. reinforced concrete sewer	18.90	20.00	19.00
70 lin.ft. 21 in. ironstone pipe sewer	3.00	5.00	3.00
1 reinforced concrete junction structure	450.00	500.00	250.00
1 reinforced concrete junction structure	225.00	500.00	250.00
1 taper connection	275.00	500.00	150.00
34 brick or concrete manholes on concrete sewer	98.00	100.00	150.00
3 brick or concrete manholes on ironstone pipe sewer	95.00	100.00	150.00
7 drop manholes	140.00	100.00	50.00
Extended totals	$155,695	$159,780	$162,806

SEWER—SAN FRANCISCO, CALIF.

Bids were opened by city, Oct. 13, for 43rd Ave. Sunset Sewer, Sect. B, from (A) F. J. McHugh, 474 17th Ave. (awarded contract); (B) Keystone Construction Co., San Francisco; (C) Smith Construction Co., Oakland. The unit bids are as follows:

	A	B	C	D	E
40,250 ft. 6 in. pipe	$1.70	$1.65	$1.80	$1.74	$2.10
14,000 ft. 8 in. pipe	2.00	2.25	2.07	2.30	2.45
2,350 ft. 10 in. pipe	2.70	3.00	2.75	3.10	3.20
8,550 ft. 12 in. pipe	3.50	3.75	3.59	3.65	3.80
44 6 in. valves	33.50	29.00	35.00	30.00	42.00
14 8 in. valves	49.00	44.00	50.00	45.00	60.00
9 10 in. valves	70.00	70.00	70.00	75.00	87.00
1 12 in. valve	88.00	85.00	90.00	90.00	100.00
422 hydrants	130.00	110.00	125.00	115.00	130.00
8 connections to old mains	50.00	75.00	70.00	75.00	100.00
9 valve chambers	80.00	70.00	40.00	70.00	80.00
62 valve boxes	8.00	7.50	7.00	8.00	10.00
41 cu.yd. limestone	3.00	3.50	3.00	4.00	4.00
Extended totals	$153,526	$155,223	$157,674	$159,708	$189,390

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